For Research Use Only

POLR2B-Specific Polyclonal antibody Catalog Number: 20370-1-AP 3 Publications



Inc. IP, WB, ELSA WB: A431 cells, HeLa cells Cited Applications: IP: HeLa cells, WB, ChIP IP: HeLa cells, Species Specificity: IHC: human brain tissue, human, mouse, rat Cited Species: human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which catalyz the transcription of DNA into RNA using the four ribnoucleoside triphosphates as substrates. It is the second large component of RNA apprecursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase catalytic activity and forms the polymerase active center toge with the largest subunit. Pol II is the central component of the basal RNA polymerase II while central large cleft, the clamp element that moves to open and close the cleft and the jaws that are thought to grab the incoming DNA template. The antibody is specific to POLR2B. Notable Publications Author Pubmed ID Journal Application Huei 31296070 Cancer Invest WB Hongda Lin 39090090 Cell Death Dis WB	Basic Information	Catalog Number: 20370-1-AP	GenBank Acco NM_000938	ession Number:	Purification Method: Antigen affinity purification
Source: UNIPROT ID: PP 0.5-4.0 ug for 1.0-3.0 mg of total properties. Rabbit P30876 PS0876 Babbit P30876 IHC 1:20-1:200 IgG polymerase (RNA) II (DNA directed) polymerase (RNA) polymerase (RNA) polymerase (RNA) polymerase (RNA) polymerase (RNA) polymerase (RNA) polymerase (RNA) polymerase (RNA) polymerase (RNA)		Size:	GeneID (NCB	I):	Recommended Dilutions:
Babit protein lysite Isotype: Full Name: IgG polyperate (RNA) II (DNA directed) IgG polyperate (RNA) II (DNA directed) Discoved MW: 134 kDa Observed MW: 140 kDa IdG kDa WE: A431 cells, Hela cells WB, ChIP IP: Hela cells, Species Specificity: IHC: Inman brain tissue, Numan Note-IHC: suggested antigen retrieval with TE buffer pH 5.0; (*) Afternatively, antigen retrieval with TE suggested antigen retrieval with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, antigen retrieval may be performed with circate buffer pH 5.0; (*) Afternatively, anti		-			
Isotype: Full Name: IgG polyperaise (RNA) II (DNA directed) polyperaise (RNA) II (DNA directed) Diserved MM: 140 kDa AppLications Tested Applications: Positive Controls: HFC, IP, WB, BLISA WB: A431 cells, Hela cells Cited Applications: IP: Hela cells, WB, ChIP IP: Hela cells, HC: human brain tissue, human, mouse, rat Cited Species: human Note-IHC: suggested antigen retrieval with TE buffer pH S0; (*) Alternatively, antigen retrieval my be performed with citrate buffer pH 6.0 Background Information POLR2B belongs to the RNA polymerase beta chain family, It is a DNA-dependent RNA polymerase which catalyz the transcription of DNA timo RNA sugn the four ibouxcleoside triphosphates as substrates. It is the second large with the largest subunit Pol II is the central component of RNA polymerase II wais (rinter and the palwes II markinghton RNA, POLR2B proposed to contribute to the polymerase catalytic activity and forms the polymerase active center toge with the largest subunit Pol II is the central component of RNA polymerase II markinghton machiney, composed of mobile elements that move relative to each other, RNA polymerase II transcription RNA, POLR2B proposed to contribute to the polymerase catalytic activity and offers the polymetase II transcription RNA, POLR2B proposed to contribute to the oplymenase catalytic activity and forms the polymetase transcription of DNA template. The antibody is specific to POLR2B. Notable Publications Author Pubmed ID <th></th> <th></th> <th></th> <th>protein lysate</th>					protein lysate
polypeptide B, 140kDa Calculated MW: 134 kDa Observed MW: 130 kDa Observed MW: 140 kDa Applications: HC, IP, WE, EUSA Cited Applications: HC, IP, WE, EUSA Species Specificity: Human, mouse, rat Cited Species: human Note-HC: Suggestad antigen retrieval with TE buffer pH 3.0; (*) Alternatively, antigen retrieval with TE buffer pH 3.0; (*) Alternatively, antigen retrieval with prefour rhorucleoside triphosphates as substrates. It is the second large on pretrieval may be performed with citrate buffer pH 3.0; (*) Alternatively, antigen retrieval with prefour rhorucleoside triphosphates as substrates. It is the second large on prevent of DNA holymerase li which synthesizes mRNA precursor and many functional non-coding RNAs. POLK2B belongs to the RNA polymerase li which synthesizes as substrates. It is the second large on propert of RNA polymerase li which synthesizes mRNA precursor and many functional non-coding RNAs. POLK2B poppade to contribute to the polymerase cate act other. RPB2 is part the col the core elements that moves relative cate to performed with be polymerase active center togge with the largest subunit, Pol II is the central component of the core element that moves relative cate toge and there on there with the central component of the core element that moves to open and close the cleft and the javes that are thought to grab the incoming		Isotype:	Full Name:		IHC 1:20-1:200
134 kDa Observed MW: 140 kDa Applications IHC, IP, WB, ELSA WB: Ad31 cells, HeLa cells IHC, IP, WB, ELSA WB: Ad31 cells, HeLa cells Species Specificity: IHC: human, mouse, rat: Cited Species: IHC: human brain tissue, human Note-IHC: suggested antigen retrieval with TE buffer pH 5.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information POLR28 belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which cataly the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second large component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. Notable Publications POLR28 borgosed constribute to each other. RPS part of the core element with the central large cleft, the damp element that move relative to each other. RPS part of the core element with the central large cleft, the damp element that move to ach other. RPS part of the core element with the central large cleft, the damp element that move to ach other. RPS part of the core element with the central large cleft, the damp element that move to ach other. RPS part of the core element with the central large cleft, the damp element that move to ach other. RPS part of the core element with the central large cleft, the damp element that move relative to each other. RPS part of the core element with the central large cleft and the jaws that are thought to grab the incoming DNA template. The antibody is specific to POLR28. Storage:		IgG		• • • • • • •	
Applications Tested Applications: IIC, IP, MB, EUSA Cited Applications: WE, ChIP Positive Controls: WE: A331 cells, Hela cells IP: Hela cells, IP: Hela cells, IP: Hela cells, IRC: human brain tissue, Human Background Information POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which catalyz the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second large duffer pH 6.0 Background Information POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which catalyz the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second large duffer pH 6.0 Background Information POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which catalyz the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second large duffer pH 6.0 Background Information POLR2B proposed to contribute to the polymerase activity and forms the polymerase activity can dorms the polymerase activity can dorms the transcription and have component of RNA polymerase II the central dumpoint of the basal RNA polymerase activity and forms the polymerase activity and forms the polymerase activity and forms the target cell, the cate and the jaws that are thought to grab the incoming DNA template. The antibody is specific to POLR2B. Notable Publications Xuthor Pubmed ID Journal Application MB Huan-Yu Zhao 36328133 Biochem Pharmacol ChIP Hugad Lin 31296070 Cancer Invest WB <tr< td=""><td></td><td></td><td>W:</td><td></td></tr<>				W:	
Notable Publications: W8: A431 cells, Hela cells Cited applications: IP: Hela cells Species Specificity: IHC: human brain tissue, human, mouse, rat Cited Species: Cited Species: human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with citrate buffer pH 9.0; (*) Alternatively, antigen retrieval with citrate buffer pH 9.0; (*) Alternatively, antigen retrieval with citrate buffer pH 9.0; (*) Alternatively, antigen retrieval with transcription of DNA into RNA using the four ibonucleoside triphosphates as substrates. It is the second large component of RNA polymerase la which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B belongs to the RNA polymerase catalytic activity and forms the polymerase attive center toge with the largest subunit. Pol II is the central component of the basal RNA polymerase II which synthesizes mRNA polymerase II transcription machinery. composed of mobile elements that mover retrieves to each other. RPRs is part of the core element with the central component of the basal RNA polymerase II transcription machinery. Composed of mobile elements that mover retrieves to open and close the cleft and the jaws that are thought to grab the incoming DNA template. The antibody is specific to POLR2B. Notable Publications Author Pubmed ID Journal Application Huan-Yu Zhao 36328133 Biochem Pharmacol ChIP Hu Lei 31296070 Cancer invest WB Hongda Lin 30990090					
Notable Publications: WB: A431 cells, Hela cells Cited Applications: IP: Hela cells Species Specificity: IHC: human brain tissue, human, mouse, rat Cited Species: Cited Species: human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with citrate buffer pH 6.0 POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which cataly: the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second large component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B peloogs to the RNA polymerase catalytic activity and forms the polymerase the core element with the catalytic nomposed to mobile elements that move relative to each other. RPR2 is part of the core element with the catalytic activity and forms the core element with the catalytic activity and forms the core element with the catal large cleft, the clamp element that moves to open and close the cleft and the jaws that are thought to grab the incoming DNA template. The antibody is specific to POLR2B. Notable Publications Author Pubmed ID Journal Application Huan-Yu Zhao 36328133 Biochem Pharmacol ChiP Hu Lei 31296070 Cancer invest WB Hongda Lin 39090090 Cell Death Dis WB Hongda Lin 30900000 Cell Death Dis WB Hongda Lin </td <td rowspan="4">Applications</td> <td></td> <td colspan="3"></td>	Applications				
WB, Chip IP: HeLa CetLS, Species Specificity: IHC : human brain tissue, human, mouse, rat Cited Species: human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which catalyte the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second large component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase cative cativity and forms the polymerase active center toge with the largest subuit. POLI II is the central component of the soal RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase cative cativity and forms the polymerase cative center toge with the largest subuit. POLI II is the central component of the basel RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase cative cativity and forms the polymerase transcription machiney. composed of mobile elements that moves to open and close the cleft and the jaws that are thought to grab the incoming DNA template. The antibody is specific to POLR2B. Notable Publications Author Pub			WD: A451 Cells, HeLa Cells		
Species Species () human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which catalyze the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second large component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase catalytic activity and forms the polymerase active center toge with the largest submit POI II is the central component of the basal RNA polymerase II transcription machinery. composed of mobile elements that moves to open and be set acted at the core element with the central large cleft, the clamp element that moves to open ato each other. RP82 is part of the core element with the central large cleft, the clamp element that moves to open ato each other. RP82 is part of the core element with the central large cleft and the jaws that are thought to grab the incoming DNA template. The antibody is specific to POLR2B. Notable Publications Author Pubmed ID Journal Application Huan-Yu Zhao 36328133 Biochem Pharmacol ChIP Hu Lei 31296070 Cancer Invest WB Hongda Lin 39090090 Cell Death Dis WB Storage Storage buffer. <td< td=""><td>11 A A A A A A A A A A A A A A A A A A</td><td></td><td>IP : HeLa cells</td><td>5,</td></td<>		11 A A A A A A A A A A A A A A A A A A		IP : HeLa cells	5,
human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which catalyz the transcription of DNA into RNA using the four ibounceoside triphosphates as substrates. It is the second large component of RNA polymerase I which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase catalytic activity and forms the polymerase active center toge with the largest subunit. Pol II is the central component of tRNA polymerase II transcription machinery. composed of mobile elements that move relative to each other. RPS is part of the core element with the cargest the cara component of RNA polymerase II transcription machinery. composed of mobile elements that moves to open and close the cleft and the jaws that are thought to grab the incoming DNA template. The antibody is specific to POLR2B. Notable Publications Author Pubmed ID Journal Application Huan-Yu Zhao 36328133 Biochem Pharmacol ChIP Hu Lei 31296070 Cancer Invest WB Hongda Lin 39090090 Cell Death Dis WB Storage: Storage Buffer. PBS with 0.029% sodium azide and 50% glycerol pH 7.3. Storage INFr. Storage INFr.		Species Specificity: IHC : human brain tissue,			
TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information POLR2B belongs to the RNA polymerase beta chain family. It is a DNA-dependent RNA polymerase which catalyz the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is the second large component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase catalytic activity and forms the polymerase active center toge with the largest subunit. Pol II is the central component of the basal RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase active actalytic activity and forms the polymerase active center toge with the largest subunit. Pol II is the central component of the basal RNA polymerase II which synthesizes mRNA polymerase II wantion synthesizes mRNA precursors and many functional non-coding RNAs. POLR2B proposed to contribute to the polymerase active actalytic activity and forms the polymerase active center toge with the largest subunit. Pol II is the central component of the basal RNA polymerase II wantion specific to POLR2B. Notable Publications Author Pubmed ID Journal Application Huan-Yu Zhao 36328133 Biochem Pharmacol ChIP Hu Lei 31296070 Cancer Invest WB Hongda Lin 39090090 Cell Death Dis WB Storage: Storage: Storage 20°C. Stable for one year after shipment. Storage Buffer: Storage Storage and Storage					
Storage Storage: Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.		TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate			
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Huan-Yu Zhao 36328133 Biochem Pharmacol ChIP Hu Lei 31296070 Cancer Invest WB Hongda Lin 39090090 Cell Death Dis WB Storage: Storage: Storage at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Storage at -20°C. Stable for one year after shipment.		Author	Pubmed ID	Journal	Application
Hongda Lin 39090090 Cell Death Dis WB Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.	Notable Publications		36328133	Biochem Pharmacol	
Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.	Notable Publications	Huan-Yu Zhao	50520155		CIIIF
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.	Notable Publications			Cancer Invest	
	Notable Publications	Hu Lei	31296070		WB
		Hu Lei Hongda Lin Storage: Store at -20°C. Stable for on Storage Buffer:	31296070 39090090 e year after shipment.	Cell Death Dis	WB

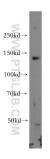
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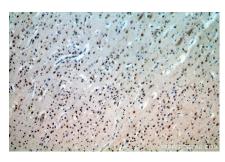
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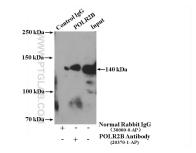
E: Proteintech-CN@ptglab.com

sively Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data







A431 cells were subjected to SDS PAGE followed by western blot with 20370-1-AP (POLR2B-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. Immunohistochemical analysis of paraffinembedded human brain using 20370-1-AP (POLR2B-Specific antibody) at dilution of 1:400 (under 10x lens). IP result of anti-POLR2B-Specific (IP:20370-1-AP, 4ug; Detection:20370-1-AP 1:300) with HeLa cells lysate 3000ug.