## For Research Use Only

## ARFRP1 Polyclonal antibody Catalog Number: 17712-1-AP 1 Publications

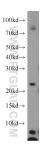


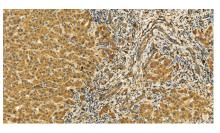
17712-1-AP Size: 300 ug/ml Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG12036	BC092480 GeneID (NC 10139 UNIPROT IC Q13795 Full Name: ADP-ribosy protein 1 Calculated 201 aa, 23 I Observed N 22-25 kDa	): lation factor related MW: (Da	Antigen affinity purification Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500	
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Rabbit Isotype: IgG Immunogen Catalog Number:	Q13795 Full Name: ADP-ribosy protein 1 Calculated 201 aa, 23 k Observed N	lation factor related MW: ¢Da		
IgG Immunogen Catalog Number:	ADP-ribosy protein 1 Calculated 201 aa, 23 H Observed N	MW: (Da		
Immunogen Catalog Number:	protein 1 Calculated 201 aa, 23 l Observed N	MW: (Da		
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AG12036	201 aa, 23 k Observed N	<da< th=""><th></th></da<>		
	Observed M			
		177:		
Tested Applications:	Positive Controls: WB : Jurkat cells,			
WB, IHC, ELISA				
IHC:			human intrahepatic cholangiocarcinoma tissue	
Species Specificity: human				
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				
family of proteins. It plays a crucia trafficking processes. ARFRP1 is pr (TGN), where it functions as an ess proteins, such as golgin-97 and go and GRIP proteins to facilitate the membrane, as well as the retrogra protein is also known to function u factors, golgins, and GARP, to the T	al role in intrace rimarily associa sential regulator lgin-245, onto C transport of the de transport of upstream of ARL FGN. This mecha	ellular membrane traffi- ted with the trans-Golg ry factor for the targetin iolgi membranes. Furth vesicular stomatitis vi TGN38 and Shiga toxin 1 and ARL5, coordinatin inism is essential for th	cking, particularly in post-Golgi membrar i compartment and the trans-Golgi netwo g of Arl 1 and GRIP domain-containing ermore, ARFRP1 works in concert with Arl rus G protein from the Golgi to the plasma from endosomes back to the TGN. This g the recruitment of distinct tethering e delivery of retrograde cargos to the TGN	
Author	Pubmed ID	Journal	Application	
Zi Gao	36264766	Anal Chem	WB	
Storage Buffer: PBS with 0.02% sodium azide and	50% glycerol p			
	Cited Applications: WB Species Specificity: human Cited Species: human Note-IHC: suggested and with TE buffer pH 9.0; (* antigen retrieval may be with citrate buffer pH 6.0 ARFRP1, or ADP-ribosylation factor family of proteins. It plays a crucia trafficking processes. ARFRP1 is pl (TGN), where it functions as an ese proteins, such as golgin-97 and go and GRIP proteins to facilitate the membrane, as well as the retrograp protein is also known to function of factors, golgins, and GARP, to the T making ARFRP1 a master regulator Author Zi Gao Storage: Storage Buffer: PBS with 0.02% sodium azide and	Cited Applications: WB Species Specificity: human Cited Species: human Note-IHC: suggested antigen retrieved with TE buffer pH 9.0; (*) Alternative antigen retrieval may be performed with citrate buffer pH 6.0 ARFRP1, or ADP-ribosylation factor-related protein family of proteins. It plays a crucial role in intrace trafficking processes. ARFRP1 is primarily associa (TGN), where it functions as an essential regulator proteins, such as golgin-97 and golgin-245, onto C and GRIP proteins to facilitate the transport of the membrane, as well as the retrograde transport of protein is also known to function upstream of ARL factors, golgins, and GARP, to the TGN. This mecha making ARFRP1 a master regulator of retrograde- Muthor Pubmed ID Zi Gao 36264766 Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol p Aliquoting is unnecessary for -20°C storage	Cited Applications: WB Julicat Species Specificity: human 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 ARFRP1, or ADP-ribosylation factor-related protein 1, is a small GTPase th family of proteins. It plays a crucial role in intracellular membrane traffit trafficking processes. ARFRP1 is primarily associated with the trans-Golg (TGN), where it functions as an essential regulatory factor for the targetir proteins, such as golgin-97 and golgin-245, onto Golgi membranes. Furth and GRIP proteins to facilitate the transport of the vesicular stomatitis vi membrane, as well as the retrograde transport of TGN38 and Shiga toxin protein is also known to function upstream of ARL1 and ARL5, coordinatir factors, golgins, and GARP, to the TGN. This mechanism is essential for the making ARFRP1 a master regulator of retrograde-carrier tethering to the 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. Aliquoting is unnecessary for -20°C storage	

For technical support and original validation data for this product please contact: T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

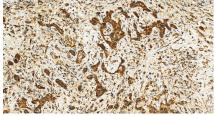
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## Selected Validation Data





Immunohistochemical analysis of paraffinembedded human intrahepatic cholangiocarcinoma tissue slide using 17712-1-AP (ARFRP1 antibody) at dilution of 1:50 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human intrahepatic cholangiocarcinoma tissue slide using 17712-1-AP (ARFRP1 antibody) at dilution of 1:50 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Jurkat cells were subjected to SDS PAGE followed by western blot with 17712-1-AP (ARFRP1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.