

For Research Use Only

BEX1/2 Polyclonal antibody

Catalog Number: 12390-1-AP **4 Publications**



Basic Information

Catalog Number: 12390-1-AP	GenBank Accession Number: BC015522	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 84707	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9BXY8	
Isotype: IgG	Full Name: brain expressed X-linked 2	
Immunogen Catalog Number: AG3066	Calculated MW: 128 aa, 15 kDa	
	Observed MW: 10-15 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : human brain tissue, IHC : human medulloblastoma tissue,
Cited Applications: WB, IF, IHC	
Species Specificity: human	
Cited Species: human, mouse	
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

BEX1 is a signaling adapter molecule involved in p75NTR/NGFR signaling. It lays a role in cell cycle progression and neuronal differentiation. BEX1 inhibits neuronal differentiation in response to nerve growth factor (NGF). BEX2 is a regulator of mitochondrial apoptosis and G1 cell cycle in breast cancer. It regulates the level of PP2A regulatory subunit B and PP2A phosphatase activity. The homology between human BEX1 and BEX2 is 94%. This antibody detects both BEX1 and BEX2.

Notable Publications

Author	Pubmed ID	Journal	Application
Yeting Hu	28367093	Int J Biol Sci	WB
Emi Hibino	35144600	BMC Biol	IF
Ning Mu	37777549	Cell Death Dis	IHC,IF

Storage

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

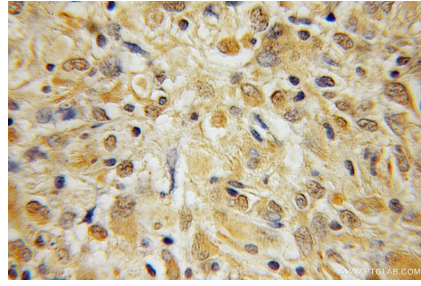
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 12390-1-AP (BEX1/2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human medulloblastoma using 12390-1-AP (BEX1/2 antibody) at dilution of 1:100 (under 10x lens).