

For Research Use Only

BEX1/2 Polyclonal antibody, PBS Only

Catalog Number:12390-1-PBS



Basic Information

Catalog Number:

12390-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3066

GenBank Accession Number:

BC015522

GeneID (NCBI):

84707

UNIPROT ID:

Q9BXY8

Full Name:

brain expressed X-linked 2

Calculated MW:

128 aa, 15 kDa

Observed MW:

10-15 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

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.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

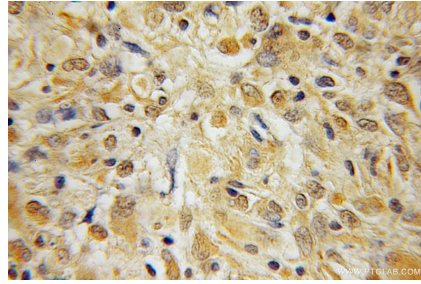
W: ptgcn.com

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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. This data was developed using the same antibody clone with 12390-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human medulloblastoma using 12390-1-AP (BEX1/2 antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 12390-1-PBS in a different storage buffer formulation.