

For Research Use Only

ROBO1 Monoclonal antibody, PBS Only



Catalog Number: 67922-1-PBS

Basic Information

Catalog Number: 67922-1-PBS	GenBank Accession Number: BC112336	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 6091	CloneNo.: 2H4H5
Source: Mouse	UNIPROT ID: Q9Y6N7	
Isotype: IgG1	Full Name: roundabout, axon guidance receptor, homolog 1 (Drosophila)	
Immunogen Catalog Number: AG18074	Calculated MW: 1651 aa, 181 kDa	
	Observed MW: 200 kDa	

Applications

Tested Applications:
WB,IHC,ELISA

Species Specificity:
Human, Mouse

Background Information

ROBO1, also named as DUTT1, belongs to the immunoglobulin superfamily and ROBO family. It is a receptor for SLIT1 and SLIT2 which are thought to act as molecular guidance cue in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development. In axon growth cones, the silencing of the attractive effect of NTN1 by SLIT2 may require the formation of a ROBO1-DCC complex. It may be required for lung development.

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

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

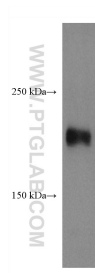
T: 4006900926

E: Proteintech-CN@ptglab.com

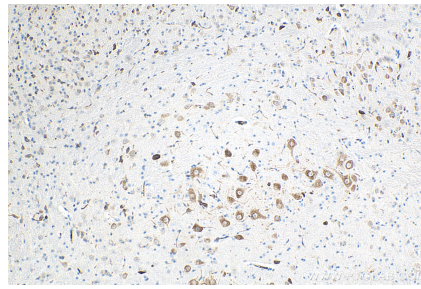
W: ptgcn.com

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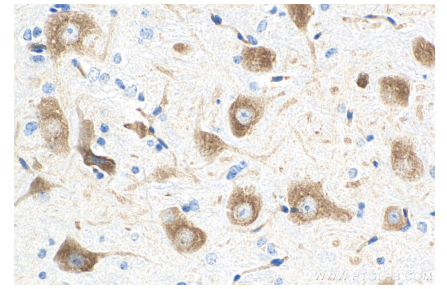
Selected Validation Data



Y79 cells were subjected to SDS PAGE followed by western blot with 67922-1-Ig (ROBO1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67922-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67922-1-Ig (ROBO1 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67922-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67922-1-Ig (ROBO1 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67922-1-PBS in a different storage buffer formulation.