

For Research Use Only

ROBO4-Specific Polyclonal antibody



Catalog Number: 20221-1-AP

3 Publications

Basic Information

Catalog Number: 20221-1-AP	GenBank Accession Number: NM_019055	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 240 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54538	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: roundabout homolog 4, magic roundabout (Drosophila)	
Isotype: IgG	Calculated MW: 107 kDa	
	Observed MW: 90-170 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human, mouse	

Background Information

ROBO4 belongs to the immunoglobulin superfamily and ROBO family. It is a receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. ROBO4 may mediate the inhibition of primary endothelial cell migration by Slit proteins. This antibody is specific to ROBO4.

Notable Publications

Author	Pubmed ID	Journal	Application
Chunqing Yang	32464549	Mol Ther Nucleic Acids	WB
Seyram Yao Adzraku	36647012	Cell Mol Biol Lett	WB
Liangliang Zhao	37430272	J Transl Med	WB

Storage

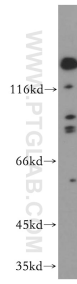
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 20221-1-AP (ROBO4-Specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.