

For Research Use Only

ROBO4-Specific Polyclonal antibody



Catalog Number: 20221-1-AP

3 Publications

Basic Information

Catalog Number:

20221-1-AP

Size:

240 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_019055

GeneID (NCBI):

54538

UNIPROT ID:

Q8WZ75

Full Name:

roundabout homolog 4, magic roundabout (Drosophila)

Calculated MW:

107 kDa

Observed MW:

90-170 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, HepG2 cells

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

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

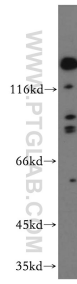
T: 4006900926

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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.