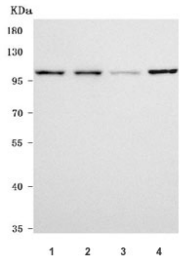
ROBO4 Antibody / Roundabout homolog 4 (RQ8218)

Catalog No.	Formulation	Size
RQ8218	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8WZ75
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This ROBO4 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human HepG2, 3) rat PC-12 and 4) mouse LLC cell lysate with ROBO4 antibody. Predicted molecular weight: 75-107 kDa (multiple isoforms), but may be observed at higher molecular weights due to glycosylation.

Description

Roundabout homolog 4 is a protein that in humans is encoded by the ROBO4 gene. Predicted to enable cell-cell adhesion mediator activity. Involved in angiogenesis and establishment of endothelial barrier. Located in extracellular exosome. Implicated in aortic valve disease 3.

Application Notes

Optimal dilution of the ROBO4 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D108-A933) was used as the immunogen for the ROBO4 antibody.

Storage

After reconstitution, the ROBO4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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