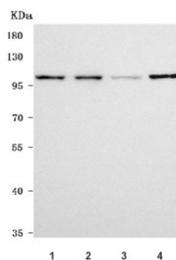


## ROBO4 Antibody / Roundabout homolog 4 (RQ8218)

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

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q8WZ75
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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.