

**ROBO4 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10470****Specification**

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**ROBO4 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q80W87</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	102580

**ROBO4 Antibody - Additional Information**

Application & Usage	Western blotting (1-4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects the ROBO4 band in human samples.
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**Other Names**

UNQ421/PRO3674, ECSM4, FLJ20798, MGC133352, MGC133353, MRB

**Target/Specificity**

ROBO4

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti- ROBO4 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

ROBO4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## ROBO4 Antibody - Protein Information

**Name** Robo4

### Function

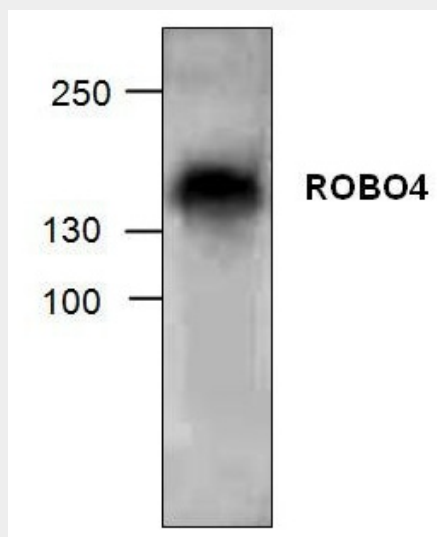
Receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. May mediate the inhibition of primary endothelial cell migration by Slit proteins (By similarity). Involved in the maintenance of endothelial barrier organization and function (By similarity).

## ROBO4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## ROBO4 Antibody - Images



Western blot analysis of ROBO4 with Jurkat cell lysate.

## ROBO4 Antibody - Background

ROBO4 contains two fibronectin type-III domains and two Ig-like C2-type domains. ROBO4 is predominantly expressed in vascular endothelium and is considered important for vascular development. ROBO4 is a receptor for Slit proteins and may mediate the inhibition of primary endothelial cell migration by Slit proteins.