



ROBO4 Polyclonal Antibody

Catalog No	YP-Ab-07045
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	ROBO4 UNQ421/PRO3674
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ROBO4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ROBO4;ECSM4;Magic roundabout;MRB;Roundabout homolog 4;ROBO4 UNQ421/PRO3674;Roundabout homolog 4 (Magic roundabout)
Observed Band	90-170 kDa
Calculated Molecular Weight	107 kDa
Cell Pathway	integral component of membrane,extracellular exosome,
Tissue Specificity	Specifically expressed in endothelial cells. Expressed in endothelial and intimal cells of the ascending aorta (PubMed:30455415).
Function	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.,similarity:Belongs to the immunoglobulin superfamily. ROBO family.,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains., subunit:Interacts with SLIT2 and ENAH.,tissue specificity:Specifically expressed in endothelial cells. Expressed at sites of angiogenesis in different tumor types.,
Background	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.,similarity:Belongs to the

immunoglobulin superfamily. ROBO family.,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts with SLIT2 and ENAH.,tissue specificity:Specifically expressed in endothelial cells. Expressed at sites of angiogenesis in different tumor types.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images