

Robo2 rabbit pAb

Cat#: orb769933 (Manual)

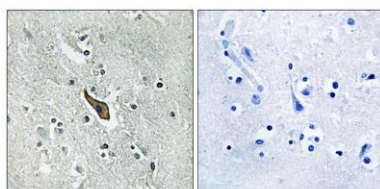
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Product Name	Robo2 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ROBO2. AA range:237-286
Specificity	Robo2 Polyclonal Antibody detects endogenous levels of Robo2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Roundabout homolog 2
Gene Name	ROBO2
Cellular localization	Membrane ; Single-pass type I membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	
Human Gene ID	6092
Human Swiss-Prot Number	Q9HCK4
Alternative Names	ROBO2; KIAA1568; Roundabout homolog 2

Background

The protein encoded by this gene belongs to the ROBO family, part of the immunoglobulin superfamily of proteins that are highly conserved from fly to human. The encoded protein is a transmembrane receptor for the slit homolog 2 protein and functions in axon guidance and cell migration. Mutations in this gene are associated with vesicoureteral reflux, characterized by the backward flow of urine from the bladder into the ureters or the kidney. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014],



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ROBO2 Antibody. The picture on the right is blocked with the synthesized peptide.