

Anti-ROBO2 Antibody

Catalog # AP53866

Product Information

Application	WB, IHC
Primary Accession	Q9HCK4
Reactivity	Human, Mouse, Rat, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	151200

Additional Information

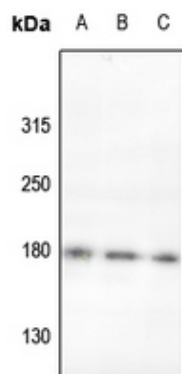
Gene ID	6092
Other Names	KIAA1568; Roundabout homolog 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ROBO2. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

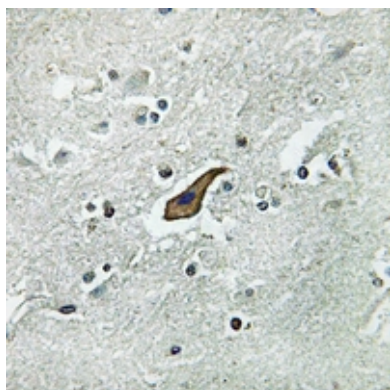
Name	ROBO2
Synonyms	KIAA1568
Function	Receptor for SLIT2, and probably SLIT1, which are thought to act as molecular guidance cue in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development.
Cellular Location	Membrane; Single-pass type I membrane protein

Images

Western blot analysis of ROBO2 expression in mouse lung (A), A549 (B), HEK293T (C) whole cell lysates.



(Predicted band size: 130; 151; 153 kD; Observed band size: 180 kD)



Immunohistochemical analysis of ROBO2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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