Datasheet for ABIN913877

anti-ROBO2 antibody (AA 144-220) (FITC)

Go to Product page

Overview

Quantity:	100 µL
Target:	ROBO2
Binding Specificity:	AA 144-220
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROBO2 antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Robo2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ROBO2
Alternative Name:	Robo2 (ROBO2 Products)

Target Details

Background:	Synonyms: lea, Robo 2, ROBO2, ROBO2_HUMAN, Roundabout 2, Roundabout homolog 2, roundabout, axon guidance receptor, homolog 2 Drosophila, Roundabout2, SAX 3,SAX3. Background: 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.Involvement in disease:Defects in ROBO2 are the cause of vesicoureteral reflux type 2 (VUR2) . VUR is a complex, genetically heterogeneous developmental disorder characterized by the retrograde flow of urine from the bladder into the ureter and is associated with reflux nephropathy, the cause of 15 % of end-stage renal disease in children and young adults.
Gene ID:	6092
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months