

Datasheet for ABIN7468914
anti-ROBO1 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	ROBO1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROBO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human ROBO1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chicken, Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ROBO1
Alternative Name:	roundabout guidance receptor 1 (ROBO1 Products)

Target Details

Background:	<p>Synonyms: roundabout guidance receptor 1 , DUTT1 , SAX3</p> <p>Background: Bilateral symmetric nervous systems have special midline structures that establish a partition between the two mirror image halves. Some axons project toward and across the midline in response to long-range chemoattractants emanating from the midline. The product of this gene is a member of the immunoglobulin gene superfamily and encodes an integral membrane protein that functions in axon guidance and neuronal precursor cell migration. This receptor is activated by SLIT-family proteins, resulting in a repulsive effect on glioma cell guidance in the developing brain. A related gene is located at an adjacent region on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Molecular Weight:	181 kDa
Gene ID:	6091
UniProt:	Q9Y6N7
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: MDA-Mb-361 , HCC1937 LROBO1 (Lentivirus infection carry human ROBO1) , HeLa membrane fraction Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

Handling

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.