

Rabbit ROBO2 Polyclonal Antibody | anti-ROBO2 antibody

ROBO2 Antibody - N-terminal region

CATALOG # AAA199546	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

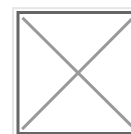
ROBO2; Polyclonal Antibody; ROBO2 Antibody - N-terminal region; anti-ROBO2 antibody

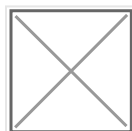
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PQ PTVRWKKDDA DLPRGRYDIK DDYTLRIKKT MSTDEGTVMC IAENRVGK
Sequence Length	1378
Applicable Applications for anti-ROBO2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ROBO2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ROBO2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human brain

WB (Western Blot)

Host: Rabbit
Target Name: ROBO2
Sample Tissue: Human RPMI 8226 Whole Cell
Antibody Dilution: 1ug/ml

WB (Western Blot)

Host: Rabbit
Target Name: ROBO2
Sample Tissue: Human NCI-H226 Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ROBO2 antibody	This is a rabbit polyclonal antibody against ROBO2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-ROBO2 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Neuroscience; Disease Related; DNA/RNA/Protein Interactions; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	61888896
NCBI GeneID	6092
NCBI Accession #	NP_002933
NCBI GenBank Nucleotide #	NM_002942
UniProt Accession #	Q9HCK4
Molecular Weight	151kDa
NCBI Official Full Name	roundabout homolog 2 isoform ROBO2b
NCBI Official Synonym Full Names	roundabout guidance receptor 2
NCBI Official Symbol	ROBO2
NCBI Official Synonym Symbols	SAX3
NCBI Protein Information	roundabout homolog 2
UniProt Protein Name	Roundabout homolog 2
UniProt Gene Name	ROBO2
UniProt Synonym Gene Names	KIAA1568
UniProt Entry Name	ROBO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/robo2-antibody-western-blot-elisa/199546>