

Rabbit ROBO1 Polyclonal Antibody | anti-ROBO1 antibody

ROBO1 Polyclonal Antibody

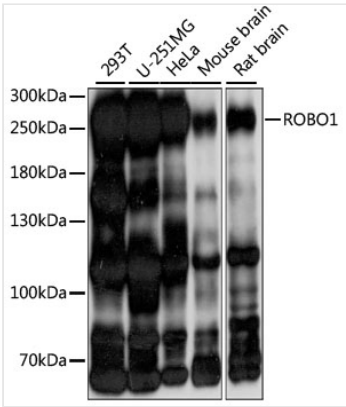
CATALOG # AAA281257	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

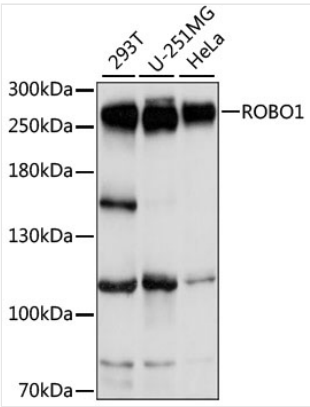
ROBO1; Polyclonal Antibody; ROBO1 Polyclonal Antibody; DUTT1; SAX3; anti-ROBO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	AAVMQKTRPA KKLKHQPGHL RRETYTDDLPPPPVPPPAIK SPTAQSKTQL EVRPVVVPKL PSMDARTDRS SDRKGSSYKG REVL DGRQVV DMRTNPGDPR EAQEQQNDGK GRGNKAAKRD LPPAKTHLIQ EDILPYCRPT FPTSNNPRDP SSSSSMSSRG SGSRQREQAN VGRRNIAEMQ VLGGERGED NNEELEETES
Sequence Length	1551
Applicable Applications for anti-ROBO1 antibody	WB (Western Blot)
Immunogen	Recombinant protein of human ROBO1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell membrane, Cell projection, Single-pass type I membrane protein, axon
Positive Samples	293T, U-251MG, HeLa, Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ROBO1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 10s.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ROBO1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-ROBO1 antibody	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.
Product Categories/Family for anti-ROBO1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	224994173
NCBI GeneID	6091
NCBI Accession #	NP_001139317.1
NCBI GenBank Nucleotide #	NM_001145845.1
UniProt Accession #	Q9Y6N7; Q1RMC7; Q7Z300; Q9BUS7; B2RXI1; D3DU36; E9PD49
Molecular Weight	Calculated: 169kDa; 175kDa; 176kDa; 180kDa; 181kDa Observed: 270kDa
NCBI Official Full Name	roundabout homolog 1 isoform d
NCBI Official Synonym Full Names	roundabout guidance receptor 1
NCBI Official Symbol	ROBO1
NCBI Official Synonym Symbols	SAX3; DUTT1
NCBI Protein Information	roundabout homolog 1
UniProt Protein Name	Roundabout homolog 1
UniProt Gene Name	ROBO1
UniProt Synonym Gene Names	DUTT1

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/robo1-antibody-western-blot-elisa/281257>