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Product datasheet for TA303077

ROBO1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:8,000. WB: 1-3µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Cow)
Host:	Goat
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-GDVDLSNKINEMK, from the internal region of the protein sequence according to NP_002932.1; NP_598334.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	<u>NP_001139316</u> Entrez Gene 19876 MouseEntrez Gene 58946 RatEntrez Gene 487690 Dog



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GRIGENE ROBO1 Goat Polyclonal Antibody – TA303077

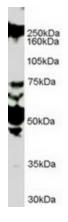
Background:	Bilateral symmetric nervous systems have special midline structures that establish a partition between the two mirror image halves. Some axons project toward and across the midline in response to long-range chemoattractants emanating from the midline. In Drosophila, the roundabout gene, a member of the immunoglobulin gene superfamily, encodes an integral membrane protein that is both an axon guidance receptor and a cell adhesion receptor. This receptor is involved in the decision by axons to cross the central nervous system midline. The protein encoded by this gene is structurally similar to the Drosophila roundabout protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Synonyms:	axon guidance receptor: DLITT1: FLI21882: homolog 1 (Drosophila): MGC131599:

Synonyms: axon guidance receptor; DUTT1; FLJ21882; homolog 1 (Drosophila); MGC131599; MGC133277; roundabout; roundabout 1; SAX3

Protein Families: Druggable Genome

Protein Pathways: Axon guidance

Product images:



TA303077 (1ug/ml) staining of HUVEC lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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