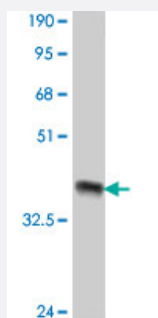


ROBO1 polyclonal antibody (A01)

Catalog # H00006091-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ROBO1.
Immunogen	ROBO1 (NP_002932, 491 a.a. ~ 589 a.a) partial recombinant protein with GST tag.
Sequence	DGVLVSTQDSRIKQLENGVLQIRYAKLGDGTGRYTCIASTPSGEATWSAYIEVQEFGVPVQPPRPTD PNLIPSAPSKPEVTDVSRNTVTLWQPNLNSGA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ROBO1

Entrez GeneID [6091](#)

GeneBank Accession# [NM_002941](#)

Protein Accession# [NP_002932](#)

Gene Name ROBO1

Gene Alias DUTT1, FLJ21882, MGC131599, MGC133277, SAX3

Gene Description roundabout, axon guidance receptor, homolog 1 (Drosophila)

Omim ID [602430](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations axon guidance receptor|roundabout 1

Pathway

- [Axon guidance](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)

- [Obesity](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)