

ROBO1

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 181kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human ROBO1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SAX3; DUTT1

Catalog #: A9412

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6091

Isotype: IgG

Swiss Prot: Q9Y6N7

Purity: Affinity purification

For research use only.

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.

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