

Rabbit Slitrk4 Polyclonal Antibody | anti-SLITRK4 antibody

Slitrk4 Antibody

CATALOG # AAA39511	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Slitrk4; Polyclonal Antibody; Slitrk4 Antibody; SLIT and NTRK-like protein 4; SLIT and NTRK-like family; member 4; anti-SLITRK4 antibody

PRODUCT SPECIFICATIONS

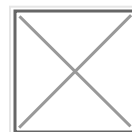
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is predicted to have no cross-reactivity to other Slitrk proteins.
Purity/Purification	Slitrk4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	837
Applicable Applications for anti-SLITRK4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Slitrk4 antibody was raised against a 14 amino acid synthetic peptide from near the amino terminus of human Slitrk4.
Buffer	Slitrk4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Slitrk4 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of slitrk4 in human brain tissue with slitrk4 antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of Slitrk4 in human brain tissue with Slitrk4 antibody at 2.5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of Slitrk4 in mouse brain tissue lysate with Slitrk4 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SLITRK4 antibody

Slitrk4 Antibody: SLIT and NTRK-like family 4 (Slitrk4) is a member a protein family consisting of six homologous transmembrane proteins (Slitrk1-6) that share two conserved leucine-rich repeat domains in the extracellular domain and have significant homology to Slit, a secreted axonal growth-controlling protein. These proteins are also homologous to trk neurotrophin receptors in their intracellular domains. Expression of Slitrk proteins is highly restricted to neural and brain tumor tissues, but varies within the protein family. Like every other Slitrk protein except Slitrk1, overexpression of Slitrk4 inhibited neurite outgrowth in cultured neurons, suggesting that these proteins are involved in the control of neurite outgrowth.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46396931
NCBI GeneID	139065
UniProt Accession #	Q8IW52; Q5JXG3; Q8TCM8; Q96DL3
Molecular Weight	94,331 Da
NCBI Official Full Name	SLIT and NTRK-like protein 4
NCBI Official Synonym Full Names	SLIT and NTRK-like family, member 4
NCBI Official Symbol	SLITRK4
NCBI Protein Information	SLIT and NTRK-like protein 4; slit and trk like gene 4
UniProt Protein Name	SLIT and NTRK-like protein 4
UniProt Gene Name	SLITRK4
UniProt Entry Name	SLIK4_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slitrk4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39511>