

Rabbit Slitrk6 Polyclonal Antibody | anti-SLITRK6 antibody

Slitrk6 Antibody

CATALOG # AAA40165	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Slitrk6; Polyclonal Antibody; Slitrk6 Antibody; DFNMYP; SLIT and NTRK-like protein 6; SLIT and NTRK-like family; member 6; anti-SLITRK6 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	Slitrk6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; Slitrk6 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	841
Applicable Applications for anti-SLITRK6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Slitrk6 antibody was raised against a 13 amino acid synthetic peptide from near the center of human Slitrk6. The immunogen is located within amino acids 250-300 of Slitrk6
Preparation and Storage	Slitrk6 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.

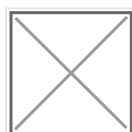
IMAGES


IF (Immunofluorescence)

Immunofluorescence of Slitrk6 in Human Brain cells with Slitrk6 antibody at 20 &#956;g/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of Slitrk6 in human brain tissue with Slitrk6 antibody at 2.5 &#956;g/mL.


WB (Western Blot)

Western blot analysis of Slitrk6 in mouse lung tissue lysate with Slitrk6 antibody at (A) 0.5 and (B) 1 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SLITRK6 antibody	Slitrk6 Antibody: SLIT and NTRK-like family 6 (Slitrk6) 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. Slitrk6 expression has been observed in tissues such as tongue, lung, gastrointestinal tract, and pancreas. Like every other Slitrk protein except Slitrk1, overexpression of Slitrk6 inhibited neurite outgrowth in cultured neurons, suggesting that these proteins are involved in the control of neurite outgrowth. At least two isoforms of Slitrk6 are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59803110
NCBI GeneID	84189
UniProt Accession #	Q9H5Y7; Q495Q0; Q6AW93; Q9HAA8; Q9NT60; A8K9S8
NCBI Official Full Name	SLIT and NTRK-like protein 6
NCBI Official Synonym Full Names	SLIT and NTRK-like family, member 6
NCBI Official Symbol	SLITRK6
NCBI Official Synonym Symbols	DFNMYP
NCBI Protein Information	SLIT and NTRK-like protein 6; 4832410J21Rik; slit and trk like gene 6
UniProt Protein Name	SLIT and NTRK-like protein 6
UniProt Gene Name	SLITRK6
UniProt Entry Name	SLIK6_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/slitrk6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40165>