

Rabbit Slitrk1 Polyclonal Antibody | anti-Slitrk1 antibody

Slitrk1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303907	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

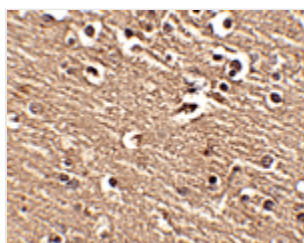
PRODUCT SYNONYMS

Slitrk1; Polyclonal Antibody; Slitrk1 Antibody; SLIT and NTRK-like family 1; anti-Slitrk1 antibody

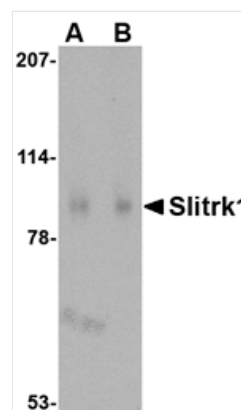
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody is predicted to have no cross-reactivity to other Slitrk proteins.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	696
Applicable Applications for anti-Slitrk1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the carboxy terminus of human Slitrk1.
Target Name	Slitrk1
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)
Immunohistochemistry of Slitrk1 in human brain tissue with Slitrk1 antibody at 2.5 ug/mL.



WB (Western Blot)
Western blot analysis of Slitrk1 in human brain tissue lysate with Slitrk1 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Slitrk1 antibody	SLIT and NTRK-like family 1 (Slitrk1) 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 family. For example, Slitrk1 is expressed primarily in mature neurons. Overexpression of Slitrk1 in transfected neuronal cells induced unipolar neurites, while expression of the other Slitrk proteins inhibited neurite outgrowth, suggesting that these proteins are involved in the control of neurite outgrowth. While Slitrk1 variants have been suggested associated with Tourette's Syndrome, it is thought to play only a minor role if at all.
Product Categories/Family for anti-Slitrk1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	40217817
NCBI GeneID	114798
NCBI Accession #	NP_443142
NCBI GenBank Nucleotide #	NM_052910.2
Molecular Weight	77,735 Da
NCBI Official Full Name	SLIT and NTRK-like protein 1
NCBI Official Synonym Full Names	SLIT and NTRK-like family, member 1
NCBI Official Symbol	SLITRK1
NCBI Official Synonym Symbols	TTM; LRRC12
NCBI Protein Information	SLIT and NTRK-like protein 1
UniProt Protein Name	SLIT and NTRK-like protein 1
UniProt Gene Name	SLITRK1
UniProt Synonym Gene Names	KIAA1910; LRRC12
UniProt Entry Name	SLIK1_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/slitrk1-antibody-immunohistochemistry-western-blot-elisa/303907>