Rabbit Slitrk1 Polyclonal Antibody | anti-SLITRK1 antibody

Slitrk1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39962	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Slitrk1; Polyclonal Antibody; Slitrk1 Antibody; TTM; LRRC12; KIAA1910; UNQ233/PRO266; SLIT and NTRK-like protein 1; Leucine-rich repeat-containing protein 12; SLIT and NTRK-like family; member 1; anti-SLITRK1 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	Slitrk1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	696
Applicable Applications for anti-SLITRK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Slitrk1 antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human Slitrk1.
Buffer	Slitrk1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Slitrk1 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 slitrk1 in human brain tissue with slitrk1 antibody at 20 μg/mL.

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

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

ADDITIONAL INFORMATION

Related Product Information for anti-SLITRK1 antibody	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40217817
NCBI GeneID	114798
NCBI Accession #	NP_443142
NCBI GenBank Nucleotide #	NM_052910.2
UniProt Accession #	Q96PX8; Q5U5I6; Q96SF9
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; slit and trk like gene 1; leucine-rich repeat-containing protein 12
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/slitrk1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39962