Rabbit Slitrk4 Polyclonal Antibody | anti-Slitrk4 antibody

Slitrk4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306860	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

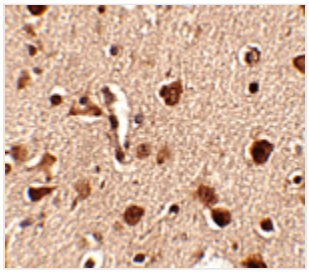
PRODUCT SYNONYMS

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

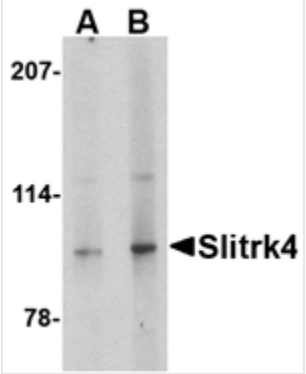
PRODUCT SPECIFICATIONS

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	837
Applicable Applications for anti-Slitrk4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 13 amino acid peptide from near the carboxy terminus of human Slitrk4.
Target Name	Slitrk4
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 (Immunohiostchemistry)
Immunohistochemistry of Slitrk4 in human brain tissue with Slitrk4 antibody at 2.5 ug/mL.



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

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-Slitrk4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	296080773
NCBI GeneID	139065
NCBI Accession #	NP_001171678.1
NCBI GenBank Nucleotide #	NM_001184749.2
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
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-immunohistochemistry-western-blot-elisa/306860