

SLITRK1 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2479a**Specification**

SLITRK1 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O96PX8
Other Accession	NP_443142.1 , 114798
Predicted	Human, Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	77735

SLITRK1 Antibody (C-Term) - Additional Information**Gene ID** 114798**Other Names**

SLIT and NTRK-like protein 1, Leucine-rich repeat-containing protein 12, SLITRK1, KIAA1910, LRRC12

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SLITRK1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SLITRK1 Antibody (C-Term) - Protein Information**Name** SLITRK1**Synonyms** KIAA1910, LRRC12**Function**

It is involved in synaptogenesis and promotes excitatory synapse differentiation (PubMed:27273464, PubMed:27812321). Enhances neuronal dendrite outgrowth (PubMed:16224024, PubMed:19640509).

Cellular Location

Membrane; Single-pass type I membrane protein. Secreted Synapse {ECO:0000250|UniProtKB:Q810C1}

Tissue Location

Expressed predominantly in the frontal lobe of the cerebral cortex of the brain. Also expressed in some astrocytic brain tumors such as astrocytomas, oligodendrogliomas, glioblastomas, gangliogliomas and primitive neuroectodermal tumors

SLITRK1 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLITRK1 Antibody (C-Term) - Images**SLITRK1 Antibody (C-Term) - References**

Sequence variants in SLITRK1 are associated with Tourette's syndrome. Abelson JF, Kwan KY, O'Roak BJ, Baek DY, Stillman AA, Morgan TM, Mathews CA, Pauls DL, Rasin MR, Gunel M, Davis NR, Ercan-Sencicek AG, Guez DH, Spertus JA, Leckman JF, Dure LS 4th, Kurlan R, Singer HS, Gilbert DL, Farhi A, Louvi A, Lifton RP, Sestan N, St Science. 2005 Oct 14;310(5746):317-20. PMID: 16224024