

SLITRK1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12696**Specification**

SLITRK1 Antibody (C-Terminus) - Product Information

Application	WB, IF
Primary Accession	Q96PX8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78kDa KDa

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

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

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

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

SLITRK1 Antibody (C-Terminus) - 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 LocationMembrane; 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

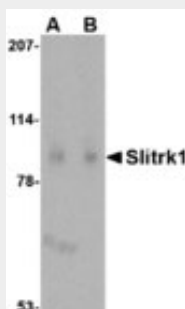
some astrocytic brain tumors such as astrocytomas, oligodendrogliomas, glioblastomas, gangliogliomas and primitive neuroectodermal tumors

SLITRK1 Antibody (C-Terminus) - Protocols

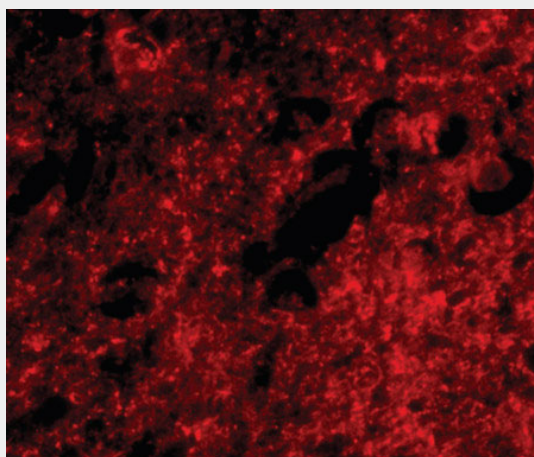
Provided below are standard protocols that you may find useful for product applications.

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

SLITRK1 Antibody (C-Terminus) - Images



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



Immunofluorescence of slitrk1 in human brain tissue with slitrk1 antibody at 20 ug/ml.

SLITRK1 Antibody (C-Terminus) - Background

Enhances neuronal dendrite outgrowth.

SLITRK1 Antibody (C-Terminus) - References

Nagase T., et al. DNA Res. 8:179-187(2001).
Clark H.F., et al. Genome Res. 13:2265-2270(2003).

Dunham A.,et al.Nature 428:522-528(2004).
Aruga J.,et al.Gene 315:87-94(2003).
Abelson J.F.,et al.Science 310:317-320(2005).