

**SLITRK2 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS12697****Specification**

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**SLITRK2 Antibody (C-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IF                 |
| Primary Accession | <a href="#">O9H156</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 95kDa KDa              |

**SLITRK2 Antibody (C-Terminus) - Additional Information****Gene ID** 84631**Other Names**

SLIT and NTRK-like protein 2, SLITRK2, CXorf2, KIAA1854, SLITL1

**Reconstitution & Storage**

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

**Precautions**

SLITRK2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**SLITRK2 Antibody (C-Terminus) - Protein Information****Name** SLITRK2**Synonyms** CXorf2, KIAA1854, SLITL1**Function**

It is involved in synaptogenesis and promotes excitatory synapse differentiation (PubMed:<a href="http://www.uniprot.org/citations/27273464" target="\_blank">27273464</a>, PubMed:<a href="http://www.uniprot.org/citations/27812321" target="\_blank">27812321</a>, PubMed:<a href="http://www.uniprot.org/citations/35840571" target="\_blank">35840571</a>). Suppresses neurite outgrowth (By similarity). Involved in the negative regulation of NTRK2 (PubMed:<a href="http://www.uniprot.org/citations/35840571" target="\_blank">35840571</a>).

**Cellular Location**

Membrane; Single-pass type I membrane protein. Cell membrane. Cell projection, dendrite

**Tissue Location**

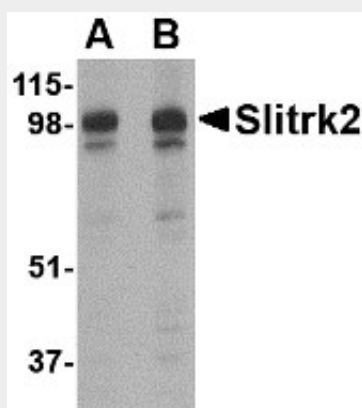
Expressed predominantly in the cerebral cortex of the brain but also at low levels in the spinal cord and medulla. Also expressed in some astrocytic brain tumors such as astrocytomas, oligodendrogliomas, glioblastomas, gangliogliomas and primitive neuroectodermal tumors.

### SLITRK2 Antibody (C-Terminus) - Protocols

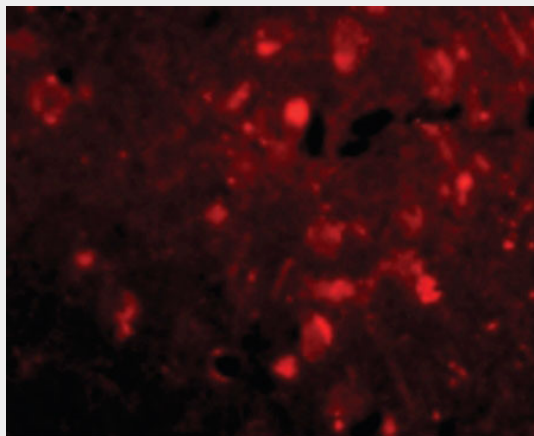
Provided below are standard protocols that you may find useful for product applications.

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

### SLITRK2 Antibody (C-Terminus) - Images



Western blot of Slitrk2 in rat brain tissue lysate with Slitrk2 antibody at (A) 1 and (B) 2 ug/ml.



Immunofluorescence of Slitrk2 in Human Brain cells with Slitrk2 antibody at 20 ug/ml.

### SLITRK2 Antibody (C-Terminus) - Background

Suppresses neurite outgrowth.

### SLITRK2 Antibody (C-Terminus) - References

Redolfi E., et al. Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.  
Clark H.F., et al. Genome Res. 13:2265-2270(2003).

Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Ross M.T.,et al.Nature 434:325-337(2005).  
Nagase T.,et al.DNA Res. 8:85-95(2001).