

SLITRK4 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12698**Specification**

SLITRK4 Antibody (N-Terminus) - Product Information

Application	WB, IF, IHC
Primary Accession	Q8IW52
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94kDa KDa

SLITRK4 Antibody (N-Terminus) - Additional Information**Gene ID** 139065**Other Names**

SLIT and NTRK-like protein 4, SLITRK4

Reconstitution & Storage

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

Precautions

SLITRK4 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SLITRK4 Antibody (N-Terminus) - Protein Information**Name** SLITRK4**Function**

It is involved in synaptogenesis and promotes synapse differentiation (PubMed:27812321). Suppresses neurite outgrowth (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein. Cell membrane

Tissue Location

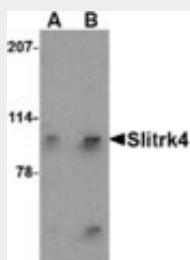
Expressed in the cerebral cortex of the brain and at higher levels in some astrocytic brain tumors such as astrocytomas, glioblastomas and primitive neuroectodermal tumors

SLITRK4 Antibody (N-Terminus) - Protocols

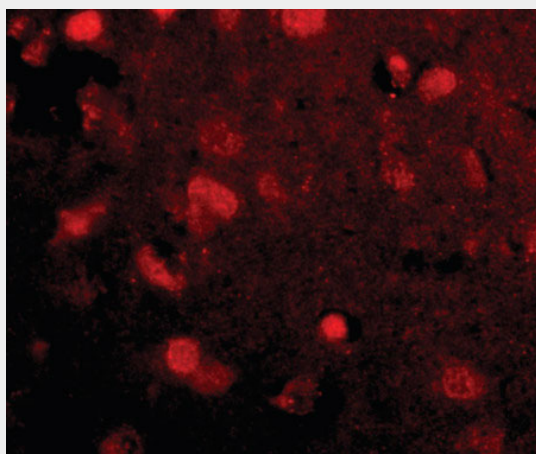
Provided below are standard protocols that you may find useful for product applications.

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

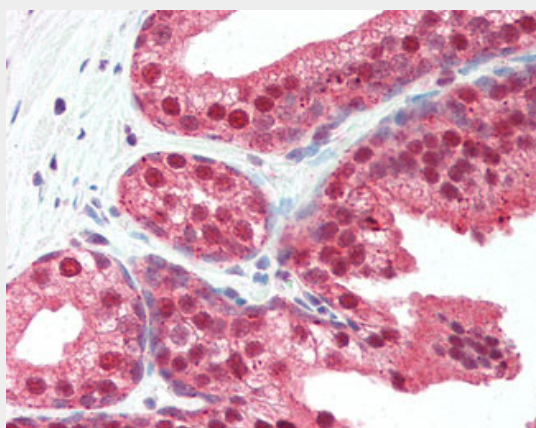
SLITRK4 Antibody (N-Terminus) - Images



Western blot of Slitrk4 in mouse brain tissue lysate with Slitrk4 antibody at (A) 0.5 and (B) 1...



Immunofluorescence of slitrk4 in human brain tissue with slitrk4 antibody at 20 ug/ml.



Anti-SLITRK4 antibody IHC of human prostate.

SLITRK4 Antibody (N-Terminus) - Background

Suppresses neurite outgrowth.

SLITRK4 Antibody (N-Terminus) - References

Ross M.T.,et al.Nature 434:325-337(2005).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Aruga J.,et al.Gene 315:87-94(2003).