

SLITRK1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13147**Specification**

SLITRK1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q96PX8
Other Accession	NM_052910 , NP_443142
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78kDa KDa

SLITRK1 antibody - N-terminal region - Additional Information**Gene ID** 114798**Alias Symbol** KIAA0918, KIAA1910, LRRC12, RP11-395N17.1, TTM**Other Names**

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SLITRK1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SLITRK1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SLITRK1 antibody - N-terminal region - 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

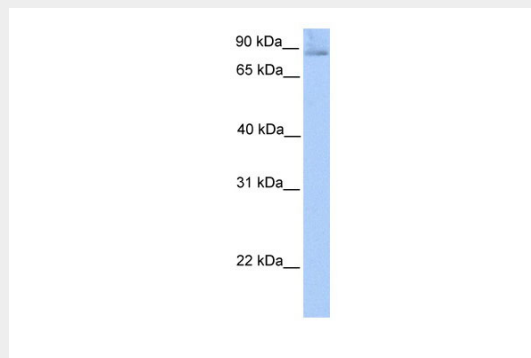
Expressed predominantly in the frontal lobe of the cerebral cortex of the brain. Also expressed in some astrocytic brain tumors such as astrocytomas, oligodendrogliomas, glioblastomas, gangliogliomas and primitive neuroectodermal tumors

SLITRK1 antibody - N-terminal region - 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 - N-terminal region - Images



WB Suggested Anti-SLITRK1 Antibody Titration: 0.2-1 µg/ml
Positive Control: Human Lung

SLITRK1 antibody - N-terminal region - 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).