

SLITRK4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16537b

Specification

SLITRK4 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8IW52
Other Accession	Q810B8 , NP_775101.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	94331
Antigen Region	748-777

SLITRK4 Antibody (C-term) - Additional Information

Gene ID 139065

Other Names

SLIT and NTRK-like protein 4, SLITRK4

Target/Specificity

This SLITRK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 748-777 amino acids from the C-terminal region of human SLITRK4.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

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

SLITRK4 Antibody (C-term) - 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

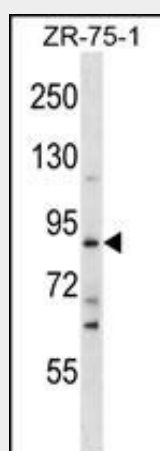
Expressed in the cerebral cortex of the brain and at higher levels in some astrocytic brain tumors such as astrocytomas, glioblastomas and primitive neuroectodermal tumors

SLITRK4 Antibody (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](#)

SLITRK4 Antibody (C-term) - Images



SLITRK4 Antibody (C-term) (Cat. #AP16537b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the SLITRK4 antibody detected the SLITRK4 protein (arrow).

SLITRK4 Antibody (C-term) - Background

This gene encodes a transmembrane protein belonging to the SLITRK family. These family members include two N-terminal leucine-rich repeat domains similar to those found in the axonal growth-controlling protein SLIT, as well as C-terminal regions similar to neurotrophin receptors. Studies of an homologous protein in mouse suggest that this family member functions to suppress neurite outgrowth. Alternative splicing results in multiple transcript variants.

SLITRK4 Antibody (C-term) - References

Aruga, J., et al. Gene 315, 87-94 (2003) :
Aruga, J., et al. Mol. Cell. Neurosci. 24(1):117-129(2003)