

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

---

**SLITRK4 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q8IW52</a>
Other Accession	<a href="#">Q810B8</a> , <a href="#">NP_775101.1</a>
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

**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

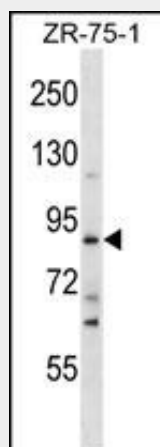
**Tissue Location**

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)