

**SLTRK4 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16537b**

### Specification

#### SLTRK4 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

#### SLTRK4 Antibody (C-term) - Additional Information

**Gene ID** 139065

#### Other Names

SLIT and NTRK-like protein 4, SLTRK4

#### Target/Specificity

This SLTRK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 748-777 amino acids from the C-terminal region of human SLTRK4.

#### 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

SLTRK4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### SLTRK4 Antibody (C-term) - Protein Information

**Name** SLTRK4

**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

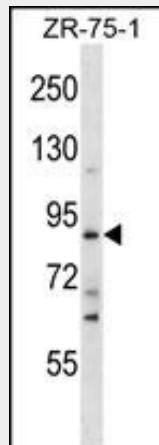
Expressed in the cerebral cortex of the brain and at higher levels in some astrocytic brain tumors such as astrocytomas, glioblastomas and primitive neuroectodermal tumors

### SLTRK4 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](#)

### SLTRK4 Antibody (C-term) - Images



SLTRK4 Antibody (C-term) (Cat. #AP16537b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the SLTRK4 antibody detected the SLTRK4 protein (arrow).

### SLTRK4 Antibody (C-term) - Background

This gene encodes a transmembrane protein belonging to the SLTRK 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.

### SLTRK4 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)