

**SLITRK2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16558b****Specification**

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**SLITRK2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9H156](#)**SLITRK2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 84631**Other Names**

SLIT and NTRK-like protein 2, SLITRK2, CXorf2, KIAA1854, SLITL1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SLITRK2 Antibody (C-term) Blocking Peptide - Protein Information****Name** SLITRK2**Synonyms** CXorf2, KIAA1854, SLITL1**Function**

It is involved in synaptogenesis and promotes excitatory synapse differentiation (PubMed:<a href="http://www.uniprot.org/citations/27273464" target="\_blank">27273464</a>, PubMed:<a href="http://www.uniprot.org/citations/27812321" target="\_blank">27812321</a>, PubMed:<a href="http://www.uniprot.org/citations/35840571" target="\_blank">35840571</a>). Suppresses neurite outgrowth (By similarity). Involved in the negative regulation of NTRK2 (PubMed:<a href="http://www.uniprot.org/citations/35840571" target="\_blank">35840571</a>).

**Cellular Location**

Membrane; Single-pass type I membrane protein. Cell membrane. Cell projection, dendrite

**Tissue Location**

Expressed predominantly in the cerebral cortex of the brain but also at low levels in the spinal cord and medulla. Also expressed in some astrocytic brain tumors such as astrocytomas, oligodendrogliomas, glioblastomas, gangliogliomas and primitive neuroectodermal tumors.

## **SLITRK2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **SLITRK2 Antibody (C-term) Blocking Peptide - Images**

## **SLITRK2 Antibody (C-term) Blocking Peptide - Background**

This gene encodes an integral membrane protein that contains two N-terminal leucine-rich repeats domains and contains C-terminal regions similar to neurotrophin receptors. The encoded protein may play a role in modulating neurite activity. Alternatively spliced transcript variants encoding the same protein have been described.

## **SLITRK2 Antibody (C-term) Blocking Peptide - References**

Piton, A., et al. Mol. Psychiatry (2010) In press : Davila, S., et al. Genes Immun. 11(3):232-238(2010) Smith, E.N., et al. Mol. Psychiatry 14(8):755-763(2009) Aruga, J., et al. Gene 315, 87-94 (2003) :