



## Rabbit Anti-SLITRK6 antibody

SL11960R

**Product Name** SLITRK6**Chinese Name** 神经突触相关蛋白 SLITRK6 抗体**Alias** 4832410J21Rik; MGC119595; MGC119596; MGC119597; OTTHUMP00000066012; SLIK6\_HUMAN; SLIT and NTRK like family member 6; SLIT and NTRK like protein 6; SLIT and NTRK-like protein 6; Slit and trk like 6; Slit and trk like gene 6; SLITRK 6; Slitrk6.**Research Area** Cell biology Neurobiology The cell membrane 蛋白**Immunogen Species** Rabbit**Clonality** Polyclonal**React Species** (predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep, )  
IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000  
(Paraffin sections need antigen repair)**Applications** not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.**Theoretical molecular weight** 92kDa**Cellular localization** The cell membrane**Form** Liquid**Concentration** 1mg/ml**immunogen** KLH conjugated synthetic peptide derived from human SLITRK6: 201-300/841  
<Extracellular>**Lsotype** IgG**Purification** affinity purified by Protein A**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

## PubMed

### [PubMed](#)

The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic  $\alpha$ / $\beta$  horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. SLITRK6 (SLIT and NTRK-like family, member 6) is an 841 amino acid single-pass type I membrane protein that contains 16 LRR repeats and belongs to the SLITRK family. Expressed at high levels in select brain tissue, as well as in both adult and fetal lung, SLITRK6 functions to suppress neurite outgrowth, playing a role in the regulation of neuronal function. Multiple isoforms of SLITRK6 exist due to alternative splicing events.

### **Function:**

Suppresses neurite outgrowth.

### **Subcellular Location:**

Membrane; Single-pass type I membrane protein

### **Tissue Specificity:**

In adult brain, highly expressed in putamen with no expression in cerebral cortex. Expressed in adult and fetal lung and fetal liver. Also expressed at high levels in some brain tumors including medulloblastomas and primitive neuroectodermal tumors.

## Product Detail

### **Similarity:**

Belongs to the SLITRK family.  
Contains 11 LRR (leucine-rich) repeats.  
Contains 2 LRRCT domains.  
Contains 2 LRRNT domains.

### **SWISS:**

Q9H5Y7

### **Gene ID:**

84189

### **Database links:**

[Entrez Gene: 84189](#) Human

[Entrez Gene: 239250](#) Mouse

[Entrez Gene: 290467](#) Rat

[Omim: 609681](#) Human

[SwissProt: Q9H5Y7](#) Human



SunLong Biotech Co.,LTD  
Tel: 0086-571-56623320 Fax:0086-571-56623318  
E-mail:sales@sunlongbiotech.com  
www.sunlongbiotech.com

---

[SwissProt: Q8C110](#) Mouse