

Product datasheet

Anti-SLITRK5 antibody ab67309

1 References 2 图像

概述

|       |  |
|-------|--|
| 产品名称  | Anti-SLITRK5抗体   |
| 描述    | 兔多克隆抗体to SLITRK5   |
| 宿主    | Rabbit   |
| 特异性   | ab67309 is predicted to have no cross-reactivity to other SLITRK proteins. |
| 经测试应用 | 适用于: WB, ICC/IF  |
| 种属反应性 | 与反应: Mouse, Rat, Human   |
| 免疫原   | A 14 amino acid synthetic peptide from near the center of human SLITRK5.   |
| 阳性对照  | 3T3 cell lysate.   |

性能

|      |   |
|------|---|
| 形式   | Liquid  |
| 存放说明 | Shipped at 4°C. Store at +4°C.                        |
| 存储溶液 | Preservative: 0.02% Sodium Azide<br>Constituents: PBS |
| 纯度   | Immunogen affinity purified                           |
| 克隆   | 多克隆   |
| 同种型  | IgG   |

应用

Our [Abpromise guarantee](#) covers the use of **ab67309** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用     | Ab评论 | 说明   |
|--------|------|--|
| WB     |      | Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 160 kDa (predicted molecular weight: 107 kDa). |
| ICC/IF |      | Use a concentration of 20 µg/ml.   |

## 靶标

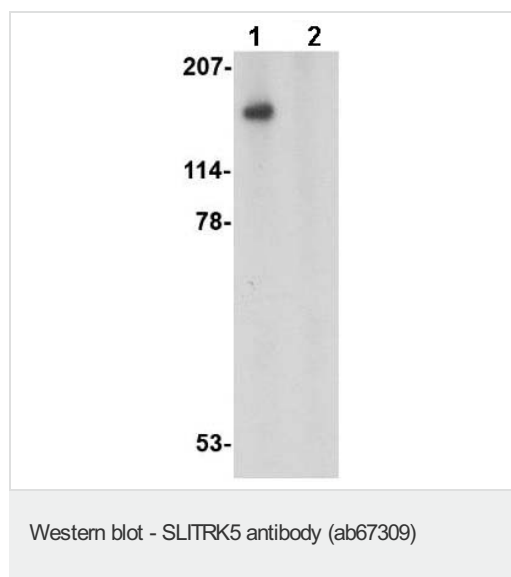
### 相关性

SLIT and NTRK-like family 5 (SLITRK5) is a member a protein family consisting of six homologous transmembrane proteins (SLITRK1-6) that share two conserved leucine-rich repeat domains in the extracellular domain and have significant homology to Slit, a secreted axonal growth-controlling protein. These proteins are also homologous to trk neurotrophin receptors in their intracellular domains. Expression of SLITRK proteins is highly restricted to neural and brain tumor tissues, but varies within the protein family. Like every other SLITRK protein except SLITRK1, overexpression of SLITRK5 inhibited neurite outgrowth in cultured neurons, suggesting that these proteins are involved in the control of neurite outgrowth.

### 细胞定位

Membrane; Single-pass type I membrane protein.

## 图片



**All lanes :** Anti-SLITRK5 antibody (ab67309)  
at 1  $\mu\text{g/ml}$

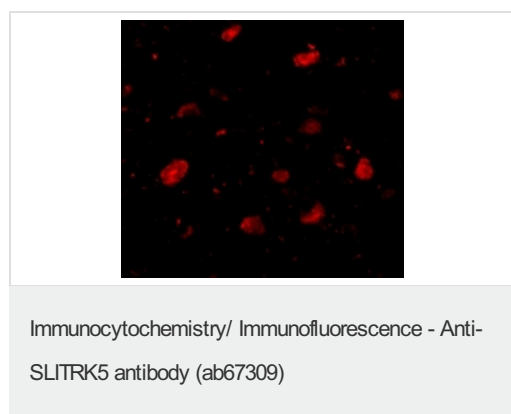
**Lane 1 :** 3T3 cell lysate with no blocking  
peptide

**Lane 2 :** 3T3 cell lysate with blocking peptide

Lysates/proteins at 15  $\mu\text{g}$  per lane.

**Predicted band size:** 107 kDa

**Observed band size:** 160 kDa



Immunofluorescence of SLITRK5 in Human  
Brain cells using ab67309 at 5  $\mu\text{g/ml}$ .

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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