

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 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.

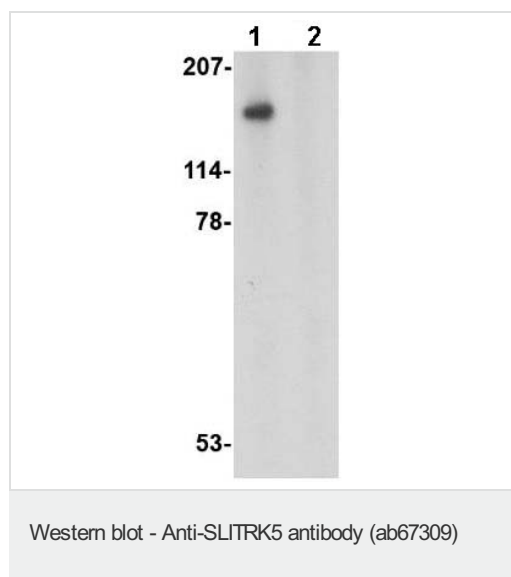
应用	Ab评论	说明
WB		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 160 kDa (predicted molecular weight: 107 kDa).
ICC/IF		Use a concentration of 20 µg/ml.

## 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  $\mu\text{g/ml}$

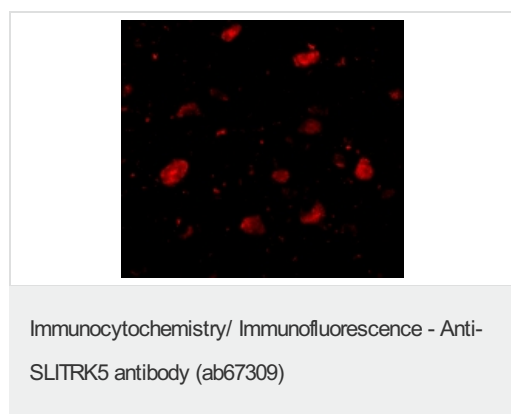
**Lane 1 :** 3T3 cell lysate with no blocking peptide

**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  $\mu\text{g/ml}$ .

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