

Anti-Slitrk1 antibody ab67238

3 图像

概述

产品名称	Anti-Slitrk1抗体
描述	兔多克隆抗体to Slitrk1
宿主	Rabbit
特异性	This antibody is predicted to have no cross-reactivity to other Slitrk proteins.
经测试应用	适用于: WB, ICC/IF, IHC-P
种属反应性	与反应: Human
免疫原	A 16 amino acid peptide from near the carboxy terminus of human Slitrk1.
阳性对照	Human brain tissue lysate
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab67238于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 88 kDa (predicted molecular weight: 78 kDa).
ICC/IF		Use a concentration of 20 µg/ml.
IHC-P		Use at an assay dependent concentration.

靶标

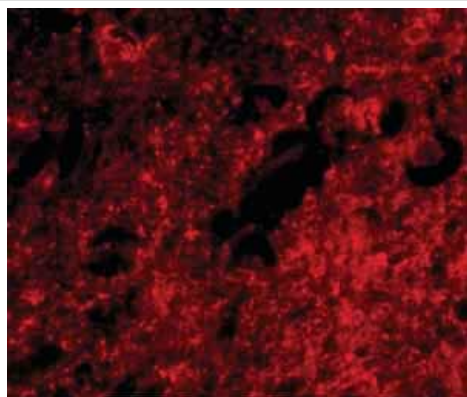
相关性

Slitrk1 is a member of 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 family. For example, Slitrk1 is expressed primarily in mature neurons. Overexpression of Slitrk1 in transfected neuronal cells induced unipolar neurites, while expression of the other Slitrk proteins inhibited neurite outgrowth, suggesting that these proteins are involved in the control of neurite outgrowth. While Slitrk1 variants have been suggested associated with Tourette's Syndrome, it is thought to play only a minor role if at all.

细胞定位

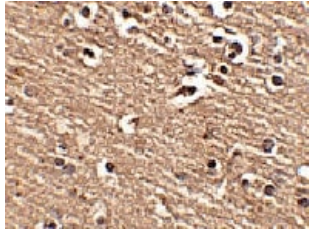
Membrane; Single-pass type I membrane protein

图片



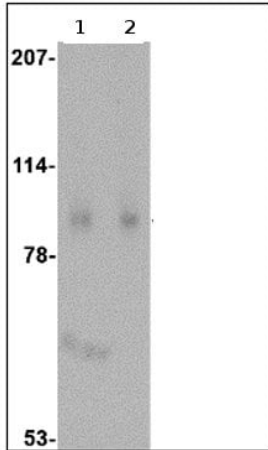
Immunofluorescence of Slitrk1 in Human brain tissue with ab67238 at 20 ug/mL.

Immunocytochemistry/ Immunofluorescence - Anti-Slitrk1 antibody (ab67238)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Slitrk1 antibody (ab67238)

Immunohistochemistry of Slitrk1 in Human brain tissue with Slitrk1 antibody at 2.5 µg/mL.



Western blot - Anti-Slitrk1 antibody (ab67238)

Lane 1 : Anti-Slitrk1 antibody (ab67238) at 1 µg/ml

Lane 2 : Anti-Slitrk1 antibody (ab67238) at 2 µg/ml

All lanes : human brain tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 78 kDa

Observed band size: 60,88 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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