


Anti-Syntaxin 1a antibody [EPR11073(B)] ab170889

重组 RabMAb

2 References **3 图像**

概述

产品名称	Anti-Syntaxin 1a抗体[EPR11073(B)]
描述	兔单克隆抗体[EPR11073(B)] to Syntaxin 1a
宿主	Rabbit
经测试应用	适用于: WB, IP 不适用于: ICC/IF or IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Human cerebellum and fetal brain lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR11073(B)

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab170889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		1/1000 - 1/5000. Predicted molecular weight: 33 kDa.
IP		1/10 - 1/100.

应用说明

Is unsuitable for ICC/IF or IHC-P.

靶标

功能

Potentially involved in docking of synaptic vesicles at presynaptic active zones. May play a critical role in neurotransmitter exocytosis. May mediate Ca²⁺-regulation of exocytosis acrossomal reaction in sperm.

组织特异性

Isoform 1 is highly expressed in embryonic spinal chord and ganglia and in adult cerebellum and cerebral cortex. Isoform 2 is expressed in heart, liver, fat, skeletal muscle, kidney and brain.

疾病相关

Note=STX1A is located in the Williams-Beuren syndrome (WBS) critical region. WBS results from a hemizygous deletion of several genes on chromosome 7q11.23, thought to arise as a consequence of unequal crossing over between highly homologous low-copy repeat sequences flanking the deleted region.

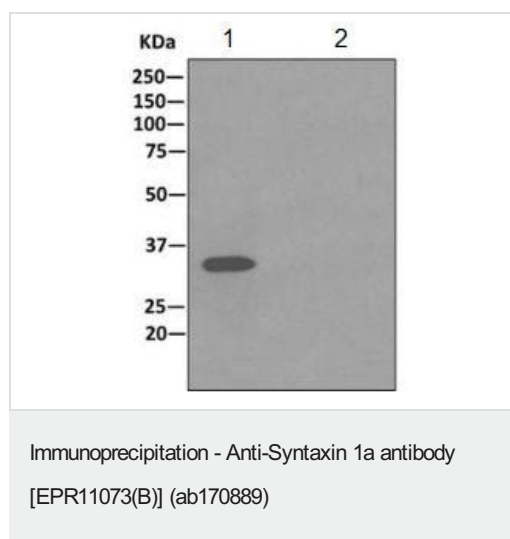
序列相似性

Belongs to the syntaxin family.
Contains 1 t-SNARE coiled-coil homology domain.

细胞定位

Secreted and Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cell junction > synapse > synaptosome.

图片

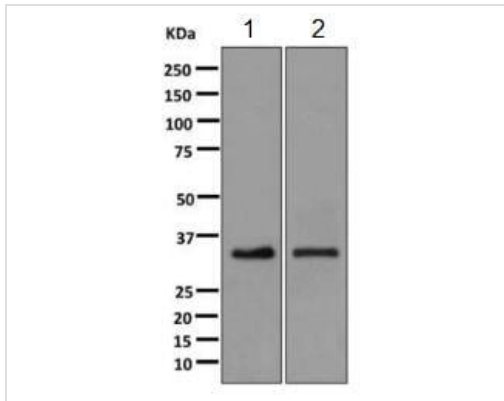


Western blot analysis on immunoprecipitation pellet from human fetal brain lysate (Lane 1) or 1X PBS (negative control) (Lane 2) using ab170889 and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG.

Lane 1 Primary: ab170889, 1/1000 dilution
Sample: Immunoprecipitated Human fetal brain lysate
Secondary: HRP-conjugated anti-rabbit IgG

Lane 2 Primary: ab170889, 1/1000 dilution
Sample: 1X PBS (negative control)
Secondary: HRP-conjugated anti-rabbit IgG

Predicted band 33 kDa



Western blot - Anti-Syntaxin 1a antibody
[EPR11073(B)] (ab170889)

All lanes : Anti-Syntaxin 1a antibody [EPR11073(B)] (ab170889)
at 1/1000 dilution

Lane 1 : Human cerebellum lysate

Lane 2 : Fetal brain lysate





Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 33 kDa

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Syntaxin 1a antibody [EPR11073(B)]
(ab170889)

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

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