

Anti-Syntaxin antibody [STX01 (HPC-1)] ab3265

★★★★★ [1 Abreviews](#) [15 References](#) [2 图像](#)

概述

产品名称	Anti-Syntaxin抗体[STX01 (HPC-1)]
描述	小鼠单克隆抗体[STX01 (HPC-1)] to Syntaxin
宿主	Mouse
特异性	In hippocampus, the antibody recognizes the stratum radiatum, the layer formed by the fibers of denate granule cells, as they synapse onto hippocampal pyramidal cells. In rat retina, it stains the membrane of the amacrine cell bodies and inner plexiform layer. It recognizes some neurons early in development and can be detected on migrating amacrine cells in embryonic retina.
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Rat, Human
免疫原	Recombinant fragment corresponding to Rat Syntaxin aa 3-225.
阳性对照	IMR-5 cells Cerebral cortex tissue sections. SH-SY5Y cell 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 short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	STX01 (HPC-1)
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab3265于以下的经测试应用

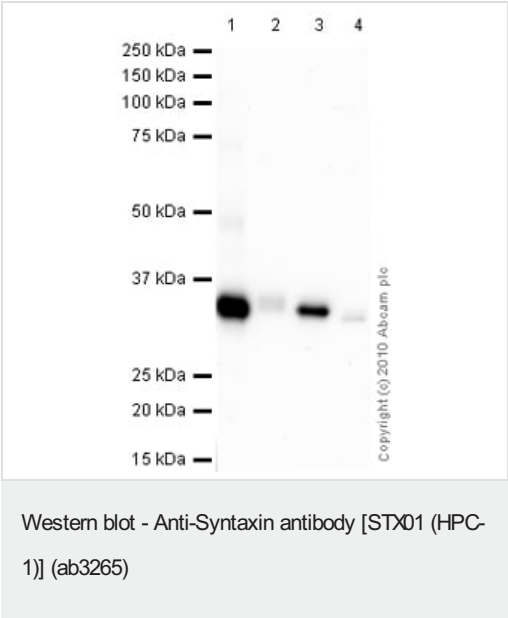
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/100. Detects a band of approximately 31 kDa (predicted molecular weight: 35 kDa).
ICC/IF		1/50.

靶标

功能	Potentially involved in docking of synaptic vesicles at presynaptic active zones. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm.
序列相似性	Belongs to the syntaxin family. Contains 1 t-SNARE coiled-coil homology domain.
翻译后修饰	Phosphorylated by CK2.
细胞定位	Membrane.

图片



All lanes : Anti-Syntaxin antibody [STX01 (HPC-1)] (ab3265) at 1 µg/ml

- Lane 1 :** Human brain tissue lysate - total protein ([ab29466](#))
- Lane 2 :** Human spinal cord tissue lysate - total protein ([ab29188](#))
- Lane 3 :** Spinal Cord (Rat) Tissue Lysate
- Lane 4 :** SHSY-5Y (Human neuroblastoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (HRP), pre-adsorbed at 1/3000 dilution

Developed using the ECL technique.

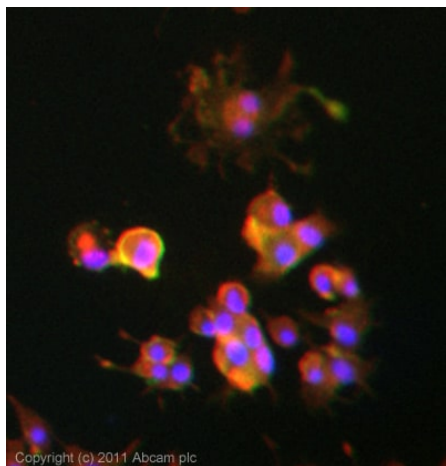
Performed under reducing conditions.

Predicted band size: 35 kDa

Observed band size: 35 kDa

Additional bands at: 48 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 1 minute



Immunocytochemistry/ Immunofluorescence - Anti-Syntaxin antibody [STX01 (HPC-1)] (ab3265)

ICC/IF image of ab3265 stained PC12 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab3265, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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