

Product datasheet

Anti-Amphiphysin antibody [EP2060Y] ab52646

重组 RabMAb

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概述

产品名称	Anti-Amphiphysin抗体[EP2060Y]
描述	兔单克隆抗体[EP2060Y] to Amphiphysin
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, Flow Cyt, IHC-P 不适用于: IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Amphiphysin aa 250-350 (internal sequence). The exact sequence is proprietary.
阳性对照	Human brain lysate, human brain tissue or SH-SYS5 cells.
常规说明	

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#)

This product is a recombinant rabbit monoclonal antibody.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EP2060Y
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab52646** 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
ICC/IF		1/100 - 1/250.
WB		1/25000 - 1/50000. Detects a band of approximately 128 kDa (predicted molecular weight: 76 kDa).
Flow Cyt		1/15. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

应用说明 Is unsuitable for IP.

靶标

功能 May participate in mechanisms of regulated exocytosis in synapses and certain endocrine cell types. May control the properties of the membrane associated cytoskeleton.

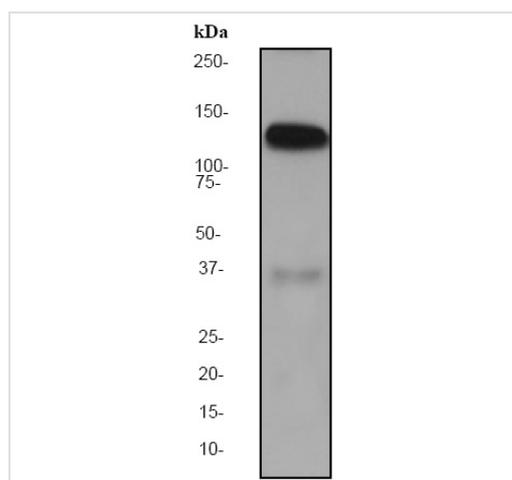
组织特异性 Neurons, certain endocrine cell types and spermatocytes.

序列相似性 Contains 1 BAR domain.

Contains 1 SH3 domain.

细胞定位 Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cytoplasm > cytoskeleton.

图片



Anti-Amphiphysin antibody [EP2060Y]
(ab52646) at 1/100000 dilution + Human brain
lysate at 10 μ g

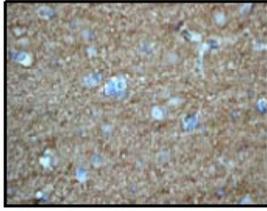
Secondary

Goat anti-Rabbit HRP labeled at 1/2000
dilution

Predicted band size: 76 kDa

Observed band size: 128 kDa

Western blot - Anti-Amphiphysin antibody
[EP2060Y] (ab52646)



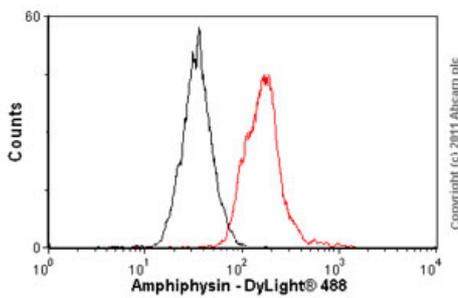
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Amphiphysin antibody [EP2060Y] (ab52646)

Ab52646 (1/100) staining human Amphiphysin in human brain tissue by immunohistochemistry using paraffin embedded tissue.



Immunocytochemistry/ Immunofluorescence - Anti-Amphiphysin antibody [EP2060Y] (ab52646)

Immunofluorescent staining of SH-SY5Y cells using ab52646 (1/100).



Flow Cytometry - Anti-Amphiphysin antibody [EP2060Y] (ab52646)

Overlay histogram showing SH-SY5Y cells stained with ab52646 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab52646, 1/100) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-rabbit IgG (H+L) (ab96899) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (1µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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

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