

## Product datasheet

# Anti-Amphiphysin antibody [EP2060Y] ab52646

**重组** RabMAb

2 References 4 图像

### 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<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> 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	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
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.

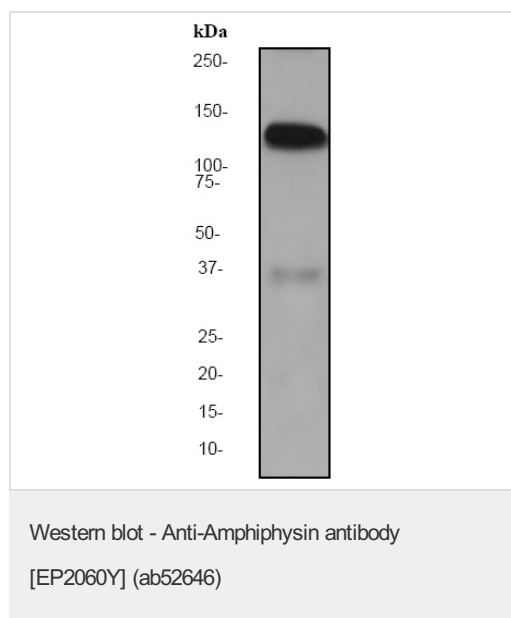
应用	Ab评论	说明
ICC/IF		1/100 - 1/250.
WB		1/25000 - 1/50000. Detects a band of approximately 128 kDa (predicted molecular weight: 76 kDa).
Flow Cyt		1/15. <a href="#">ab172730</a> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

**应用说明** Is unsuitable for IP.

## 靶标

<b>功能</b>	May participate in mechanisms of regulated exocytosis in synapses and certain endocrine cell types. May control the properties of the membrane associated cytoskeleton.
<b>组织特异性</b>	Neurons, certain endocrine cell types and spermatocytes.
<b>序列相似性</b>	Contains 1 BAR domain. Contains 1 SH3 domain.
<b>细胞定位</b>	Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cytoplasm > cytoskeleton.

## 图片



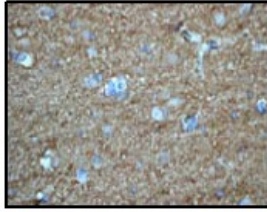
Anti-Amphiphysin antibody [EP2060Y] (ab52646) at 1/100000 dilution + Human brain lysate at 10  $\mu$ g

### Secondary

Goat anti-Rabbit HRP labeled at 1/2000 dilution

**Predicted band size:** 76 kDa

**Observed band size:** 128 kDa



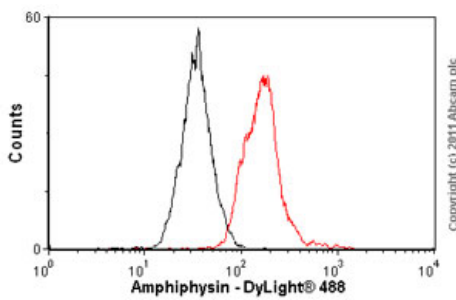
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Amphiphysin antibody [EP2060Y] (ab52646)

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/1x10<sup>6</sup> 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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