

Product datasheet

Anti-Amphiphysin antibody ab50340

1 图像

概述

产品名称	Anti-Amphiphysin抗体
描述	山羊多克隆抗体to Amphiphysin
宿主	Goat
特异性	This antibody is expected to recognize both reported isoforms (NP_001626.1 and NP_647477.1) of Amphiphysin.
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Mouse 预测可用于: Rat, Dog, Human
免疫原	Synthetic peptide: C-KRKDESRISKAE , corresponding to internal sequence amino acids 159-170 of Human Amphiphysin Run BLAST with Run BLAST with
阳性对照	Mouse Brain lysate.

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: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	This antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab50340** 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
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WB

ELISA

应用说明

Peptide ELISA: Antibody detection limit dilution 1/16,000.

WB: Use at a concentration of 0.1 - 0.5 µg/ml. Detects a band of approximately 125 kDa (predicted molecular weight: 76 kDa). The observed molecular weight corresponds to earlier findings in literature (Wigge et al, Mol Biol Cell. 1997 Oct;8(10):2003-15.; PMID: 9348539). A minor band of unknown identity was also consistently observed at 45kDa. This band was successfully blocked by incubation with the immunising peptide.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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

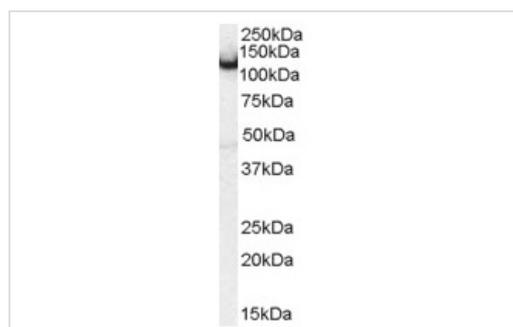
Contains 1 BAR domain.

Contains 1 SH3 domain.

细胞定位

Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cytoplasm > cytoskeleton.

图片



Western blot - Anti-Amphiphysin antibody (ab50340)

Anti-Amphiphysin antibody (ab50340) at 0.1 µg/ml + Mouse Brain lysate (35µg protein in RIPA buffer).

Predicted band size: 76 kDa

Observed band size: 125 kDa

[why is the actual band size different from the predicted?](#)

Primary incubation was 1 hour. Detected by chemiluminescence. A minor band of unknown identity was also consistently observed at 45kDa. This band was successfully blocked by incubation with the immunising peptide.

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