abcam

Product datasheet

Anti-APPBP1 antibody - N-terminal ab71542

2 图像

概述

产品名称	Anti-APPBP1抗体- N-terminal
描述	兔多克隆抗体to APPBP1 - N-terminal
宿主	Rabbit
经测试应用	**适用于:** ELISA, WB, IHC-P
种属反应性	**与反应:** Human
免疫原	Synthetic peptide from the N-terminal region of human APPBP1 conjugated to KLH.
阳性对照	APPBP1-transfected 293 cells lysate; human brain tissue.

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	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	The antibody was purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab71542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。

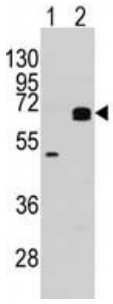
应用	Ab评论	说明
ELISA		1/1000.
WB		1/50 - 1/100. Predicted molecular weight: 60 kDa.

应用	Ab评论	说明
IHC-P		1/10 - 1/50.

靶标

功能	Regulatory subunit of the dimeric UBA3-NAE1 E1 enzyme. E1 activates NEDD8 by first adenylating its C-terminal glycine residue with ATP, thereafter linking this residue to the side chain of the catalytic cysteine, yielding a NEDD8-UBA3 thioester and free AMP. E1 finally transfers NEDD8 to the catalytic cysteine of UBE2M. Necessary for cell cycle progression through the S-M checkpoint. Overexpression of NAE1 causes apoptosis through deregulation of NEDD8 conjugation.
组织特异性	Ubiquitous in fetal tissues. Expressed throughout the adult brain.
通路	Protein modification; protein neddylation.
序列相似性	Belongs to the ubiquitin-activating E1 family. ULA1 subfamily.
细胞定位	Cell membrane. Colocalizes with APP in lipid rafts.

图片



Western blot - Anti-APPBP1 antibody - N-terminal (ab71542)

All lanes : Anti-APPBP1 antibody - N-terminal (ab71542) at 1/50 dilution

Lane 1 : Non-transfected 293 cell lysate
Lane 2 : 293 cell lysate transiently transfected with the APPBP1 gene

Lysates/proteins at 2 µg per lane.

Predicted band size: 60 kDa
Observed band size: 70 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APPBP1 antibody - N-terminal (ab71542)

Analysis of APPBP1 expression in formalin-fixed, paraffin embedded human brain tissue using ab71542, at 1/10 dilution (peroxidase-conjugated secondary antibody; DAB staining).

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