

Anti-AP3B2 antibody ab113100

5 图像

概述

产品名称	Anti-AP3B2抗体
描述	兔多克隆抗体to AP3B2
宿主	Rabbit
特异性	At least three isoforms of AP3B2 are known to exist; this antibody will recognize the two larger isoforms.
经测试应用	适用于: WB, ICC/IF, IHC-P
种属反应性	与反应: Mouse, Rat
免疫原	An 18 amino acid synthetic peptide from near the amino terminus of Human AP3B2 (NP_004635).
阳性对照	WB: Rat brain tissue lysate, mouse brain lysate, IHC-P: Mouse brain tissue. ICC: Mouse brain tissue.
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 (stable for up to 12 months).
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
纯度	Immunogen affinity purified
纯化说明	ab113100 is purified by affinity chromatography via a peptide column.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab113100 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		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 119 kDa.
ICC/IF		Use a concentration of 20 µg/ml.
IHC-P		Use at an assay dependent concentration.

靶标

功能

Subunit of non-clathrin- and clathrin-associated adaptor protein complex 3 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. AP-3 appears to be involved in the sorting of a subset of transmembrane proteins targeted to lysosomes and lysosome-related organelles.

组织特异性

Expression is specific to nervous system. Expressed in nerve terminal and cell body, and is associated with nerve-terminal vesicles. Expression seen in Purkinje cells, cortical neurons, neuroectodermal tumors and graded in cerebral cortex (deeper layers exhibit stronger expression).

序列相似性

Belongs to the adaptor complexes large subunit family.

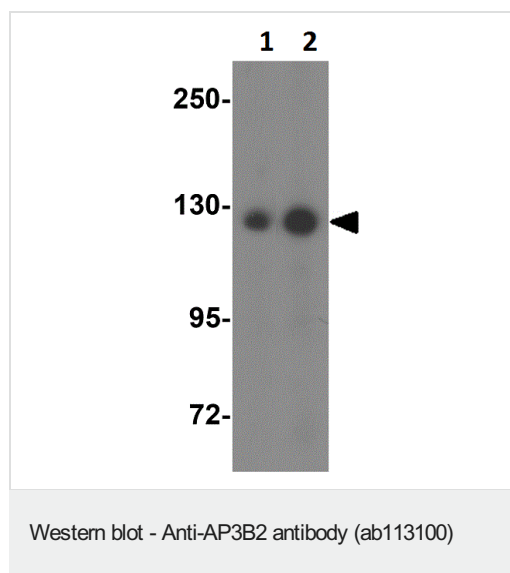
发展阶段

Expressed from early in development through adulthood.

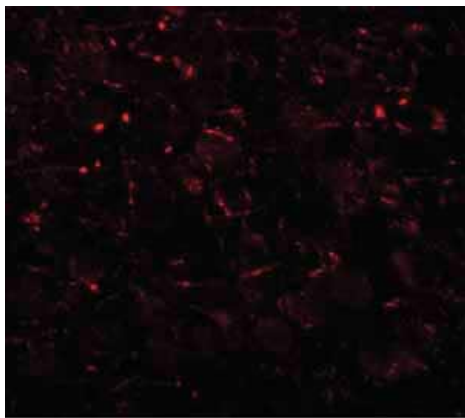
细胞定位

Golgi apparatus. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Golgi apparatus. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.

图片

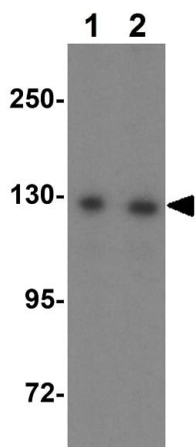


Western Blot of rat brain tissue lysate labeling AP3B2 with Anti-AP3B2 antibody (ab113100) at (1) 1 and (2) 2 µg/ml.



Immunocytochemistry/ Immunofluorescence - Anti-AP3B2 antibody (ab113100)

Immunofluorescence of AP3B2 in mouse brain tissue with ab113100 at 20 $\mu\text{g/mL}$.



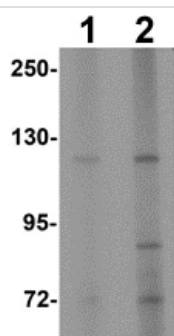
Western blot - Anti-AP3B2 antibody (ab113100)

Lane 1 : Anti-AP3B2 antibody (ab113100) at 1 $\mu\text{g/ml}$

Lane 2 : Anti-AP3B2 antibody (ab113100) at 2 $\mu\text{g/ml}$

All lanes : Mouse brain lysate

Predicted band size: 119 kDa



Western blot - Anti-AP3B2 antibody (ab113100)

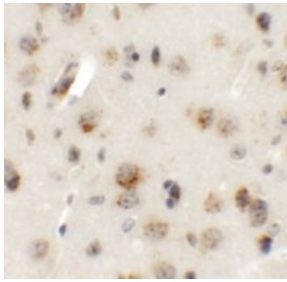
Lane 1 : Anti-AP3B2 antibody (ab113100) at 1 $\mu\text{g/ml}$

Lane 2 : Anti-AP3B2 antibody (ab113100) at 2 $\mu\text{g/ml}$

All lanes : Rat brain tissue lysate

Lysates/proteins at 15 μg per lane.

Predicted band size: 119 kDa



Immunohistochemical analysis of mouse brain tissue, staining AP3B2 with ab113100 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AP3B2 antibody (ab113100)

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