



Datasheet for ABIN1742315
anti-APBA1 antibody (AA 2-265)



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3 Images

1 Publication

Overview

Quantity:	50 µg
Target:	APBA1
Binding Specificity:	AA 2-265
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant rat Mint 1 (aa 2-265).
Specificity:	Specific for Mint 1.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	APBA1
Alternative Name:	Mint 1 (APBA1 Products)
Background:	Synonyms: X11-like protein
Pathways:	Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

Application Details

Application Notes: WB: 1 : 1000 (AP staining)
 IP: not tested yet
 ICC: 1 : 200 up to 1 : 500
 IHC: 1 : 200

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 50 µL H₂O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

Buffer: PBS

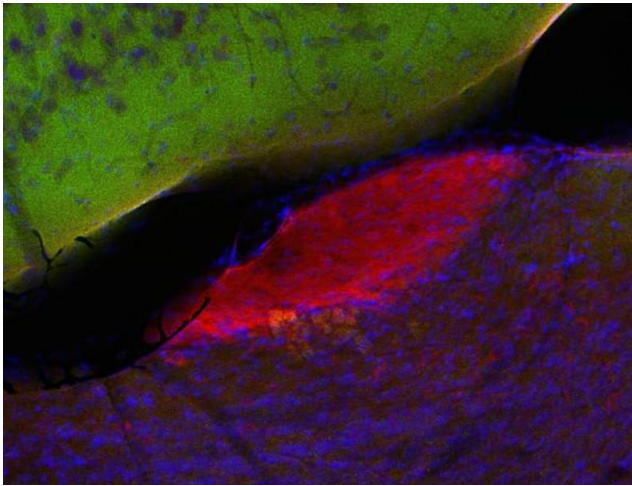
Handling Advice: Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.

Storage: -20 °C

Storage Comment: Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

Publications

Product cited in: Boyken, Grønborg, Riedel, Urlaub, Jahn, Chua: "Molecular profiling of synaptic vesicle docking sites reveals novel proteins but few differences between glutamatergic and GABAergic synapses." in: **Neuron**, Vol. 78, Issue 2, pp. 285-97, (2013) ([PubMed](#)).



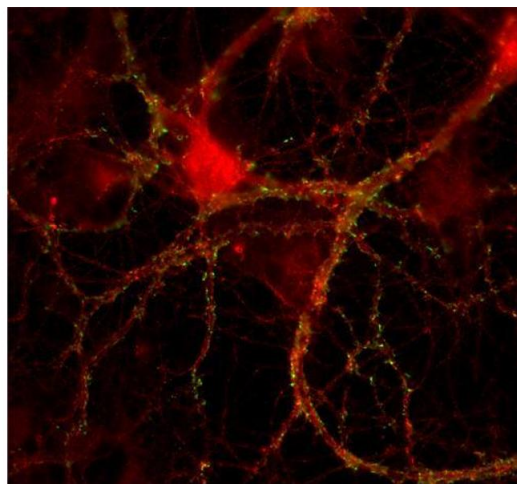
Immunohistochemistry

Image 1. Indirect immunostaining of PFA fixed mouse brain section with anti-mint 1 (dilution 1 : 200; red) and mouse anti-synapsin (cat. no. 106 001; dilution 1 : 500; green). Mint 1-positive structures in the accessory olfactory bulb (AOB) have been revealed with fluorochromated secondary antibodies. Nuclei have been visualized by DAPI staining (blue).



Western Blotting

Image 2. dilution: 1 : 1000, sample: rat hippocampus homogenate



Immunocytochemistry

Image 3. Indirect immunostaining of rat hippocampus neurons with anti-Mint 1 (dilution 1 : 200; red) and anti-synapsin (cat. no. 106 001; dilution 1 : 500, green).