

Datasheet for ABIN1742313
anti-Piccolo antibody (AA 2011-2350)



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4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	Piccolo (PIC)
Binding Specificity:	AA 2011-2350
Reactivity:	Mouse, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant rat piccolo (aa 2011-2350).
Specificity:	Specific for piccolo.
Purification:	antiserum

Target Details

Target:	Piccolo (PIC)
Alternative Name:	Piccolo (PIC Products)
Background:	Synonyms: Aczonin

Application Details

Application Notes:	WB: 1 : 1000 (AP staining)
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Application Details

IP: not tested yet
ICC: 1 : 500 up to 1 : 1000
IHC: 1 : 200

Comment: WB: Due to its large size, piccolo requires special gel-electrophoresis and Western blot protocols for visualization by immunoblotting. Excellent results can be obtained with the 4-12% TRIS-glycine gradient gels of anamed. This antibody detects an additional band of ~65 kDa.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS

Handling Advice: Crude antisera are more robust than monoclonals. With anti-microbials added, they may be stored at 4 °C.
Serum does not contain active proteases, in fact, serum itself contains a powerful cocktail of protease inhibitors. Frozen storage (-20 °C), however, is preferable.

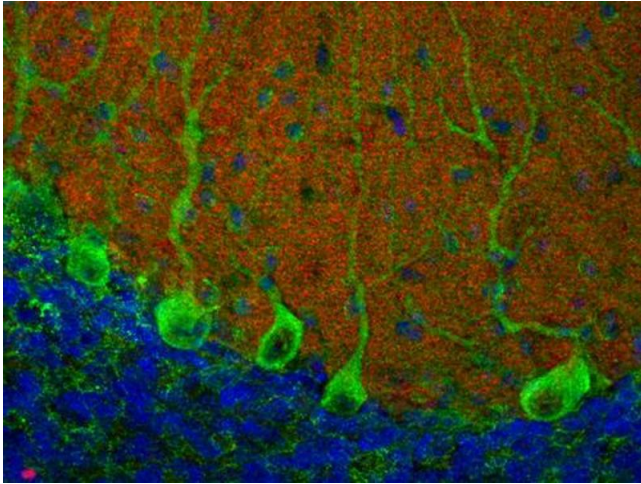
Storage: 4 °C/-20 °C

Storage Comment: Unlabeled 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.

Publications

Product cited in: Bozdagi, Sakurai, Dorr, Pilorge, Takahashi, Buxbaum: "Haploinsufficiency of Cyfip1 produces fragile X-like phenotypes in mice." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e42422, (2012) ([PubMed](#)).

Steffen, Faix, Resch, Linkner, Wehland, Small, Rottner, Stradal: "Filopodia formation in the absence of functional WAVE- and Arp2/3-complexes." in: **Molecular biology of the cell**, Vol. 17, Issue 6, pp. 2581-91, (2006) ([PubMed](#)).



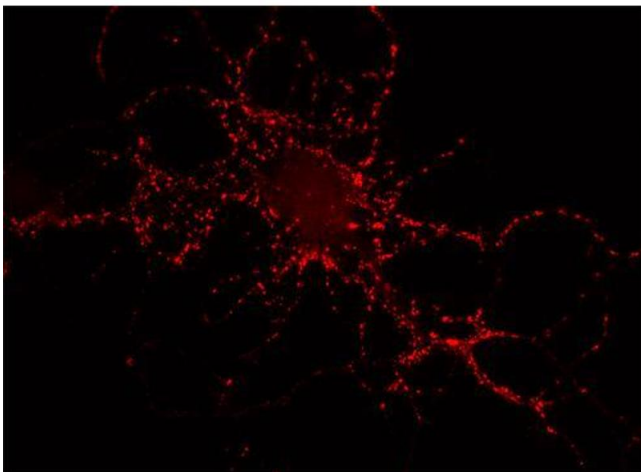
Immunohistochemistry

Image 1. Indirect immunofluorescence labeling of a PFA fixed mouse cerebellum section with anti-piccolo (dilution 1 : 200; red) and rabbit anti-Sec22b (cat. no. 186 003, dilution 1 : 200; green). Nuclei have been visualized by DAPI staining (blue).



Western Blotting

Image 2. dilution: 1 : 1000, sample: mouse brain homogenate



Immunocytochemistry

Image 3. Indirect immunostaining of rat hippocampus neurons (dilution 1 : 500).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1742313.