



Datasheet for ABIN1742472  
**anti-MAL2 antibody (AA 13-28)**



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### Overview

Quantity:	50 µg
Target:	MAL2
Binding Specificity:	AA 13-28
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC)

### Product Details

Immunogen:	Synthetic peptide (aa 13-28 in rat) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for MAL 2A.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

### Target Details

Target:	MAL2
Alternative Name:	MAL 2A ( <a href="#">MAL2 Products</a> )
Background:	Synonyms: T-cell differentiation protein 2

## Application Details

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

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Restrictions:                For Research Use only

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## Handling

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Format:                      Lyophilized

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Reconstitution:            For reconstitution add 50 µL H<sub>2</sub>O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

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Buffer:                      PBS

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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.

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Storage:                     -20 °C

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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!

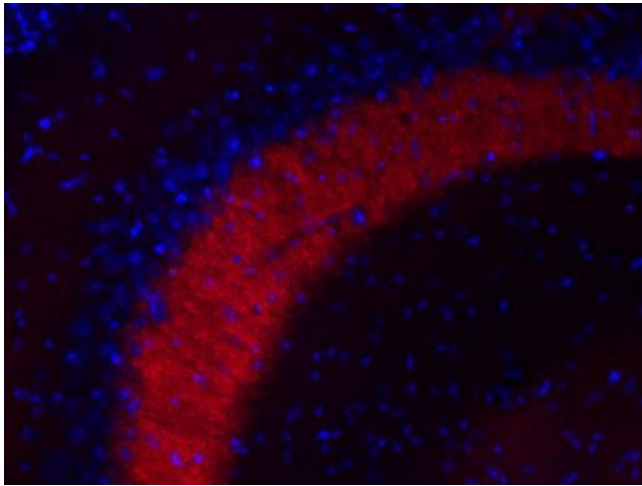
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## Publications

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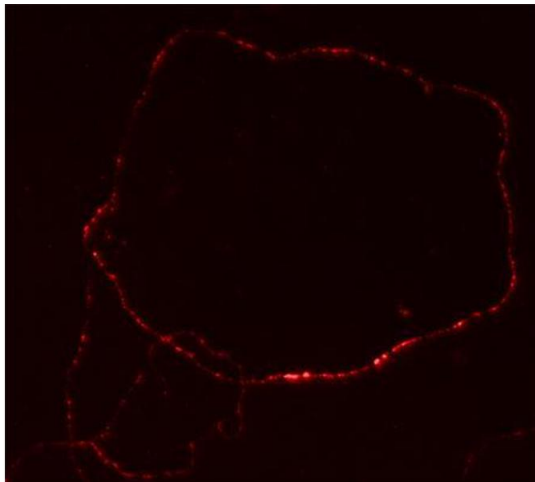
Product cited in:           Bozdagi, Sakurai, Dorr, Pilorge, Takahashi, Buxbaum: "Haploinsufficiency of Cyfip1 produces fragile X-like phenotypes in mice." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e42422, (2012) ([PubMed](#)).

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 hippocampus section (dilution 1 : 200; red). Nuclei have been visualized by DAPI staining (blue).



### Immunocytochemistry

**Image 2.** Immunolabeling of cultured hippocampus neurons (dilution 1 : 500).



### Western Blotting

**Image 3.** dilution: 1 : 1000, sample: rat brain homogenate.