



[Go to Product page](#)

Datasheet for ABIN1742387

## anti-MAP2 antibody (AA 2-309)

4 Images

6 Publications

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 200 µL   |
| Target:              | MAP2   |
| Binding Specificity: | AA 2-309   |
| Reactivity:          | Human, Mouse, Rat, Chicken   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

### Product Details

|               |  |
|---------------|--|
| Immunogen:    | Recombinant mouse MAP 2 (aa 2-309).                |
| Specificity:  | Specific for MAP 2, recognizes all three isoforms. |
| Purification: | antiserum  |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | MAP2                                    |
| Alternative Name: | MAP 2 ( <a href="#">MAP2 Products</a> ) |

### Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB: 1 : 1000 (AP staining)<br>IP: not tested yet<br>ICC: 1 : 1000 |
|--------------------|---|

## Application Details

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IHC-P: 1 : 250 up to 1 : 500

Restrictions: For Research Use only

## Handling

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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

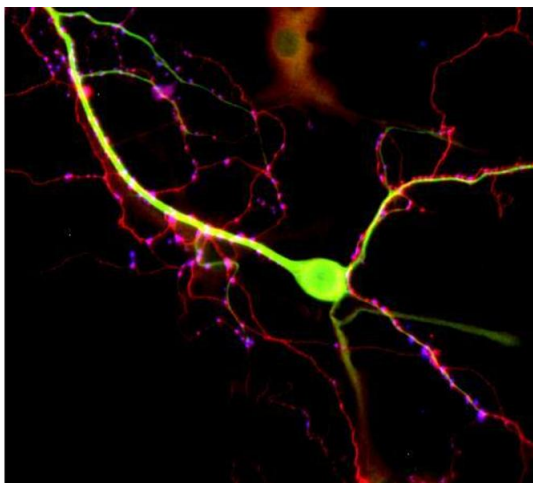
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Product cited in: Atkinson, Floerchinger, Qiao, Casey, Williamson, Moseley, Stoica, Goddard, Ge, Tullius, Tomlinson: "Donor brain death exacerbates complement-dependent ischemia/reperfusion injury in transplanted hearts." in: **Circulation**, Vol. 127, Issue 12, pp. 1290-9, (2013) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

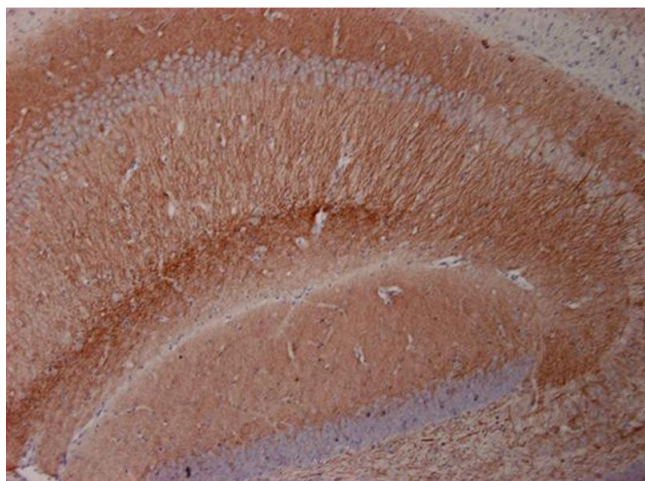
## Validation report #029836 for Western Blotting (WB)

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### Immunocytochemistry

**Image 1.** Immunofluorescence labeling of cultured hippocampus neurons (DIV 14) with anti-MAP 2, specific for dendrites (dilution 1 : 1000, green) and guinea-pig anti-Tau, specific for axons (Cat. No. 314 004; dilution 1 : 1000, red), and mouse anti-synapsin, a pre-synaptic marker (Cat. No. 106 001; dilution 1 : 500, blue).



### Immunohistochemistry

**Image 2.** Indirect immunostaining of a PFA fixed mouse hippocampus section with rabbit anti-MAP 2.



### Western Blotting

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

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1742387.