

Datasheet: 6242-0039

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| Description: | RABBIT ANTI BOVINE MICROTUBULE ASSOCIATED PROTEIN 2 (+ TAU) |
| Specificity: | MICROTUBULE ASSOCIATED PROTEIN 2 (+ TAU) |
| Other names: | MAP2 |
| Format: | Serum |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.2 ml |

Product Details

RRID AB_619974

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|--------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen | ▪ | | | 1/5 - 1/30 |
| Western Blotting | ▪ | | | 1/200 |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species Bovine

Species Cross Reactivity Reacts with: Rat
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Serum - liquid

Preservative Stabilisers 0.1% Sodium Azide (NaN₃)

Immunogen Native bovine MAP2, from brain.

External Database Links
UniProt:
[Q28869](https://www.uniprot.org/entry/Q28869) [Related reagents](#)

Specificity **Rabbit anti Bovine microtubule associated protein antibody** recognizes both MAP2 and Tau proteins of bovine origin. MAP2 and Tau are involved in the regulation microtubule polymerization.

References
1. Hazuka, C.D. *et al.* (1999) The sec6/8 complex is located at neurite outgrowth and axonal synapse-assembly domains. [J Neurosci. 19 \(4\): 1324-34.](#)

2. Wada, K. *et al.* (2006) Peroxisome proliferator-activated receptor gamma-mediated regulation of neural stem cell proliferation and differentiation. [J Biol Chem. 281: 12673-81.](#)

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted.
Avoid repeated freezing and thawing as this may denature the antibody.
Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10342 available at:
10342: <https://www.bio-rad-antibodies.com/uploads/MSDS/10342.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com | Worldwide | Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com | Europe | Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com |
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