

Datasheet for ABIN94431
anti-MAP2 antibody



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1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	MAP2
Reactivity:	Human, Mouse, Cow, Pig, Cat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-MAP2 Purified
Immunogen:	Thermostabile fraction of bovine brain microtubules (whole MAP2ab molecule).
Clone:	MT-01
Isotype:	IgG1
Specificity:	The antibody MT-01 reacts with Microtubule Associated Protein 2ab (MAP2ab), an intracellular antigen.
Cross-Reactivity (Details):	Human, Porcine, Mouse, Bovine, Feline (Cat), Other not tested
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	MAP2
Alternative Name:	MAP2 (MAP2 Products)
Background:	Microtubule associated protein 2,MAP2a and 2b (270 kDa) being found mostly in dendrites, stabilize microtubules (shift the reaction kinetics in addition of new subunits and microtubule growth) and participate in determining the structure of different parts of vertebrate nerve cells.,Microtubule-associated protein 2, MAP-2
Gene ID:	4133
UniProt:	P11137

Application Details

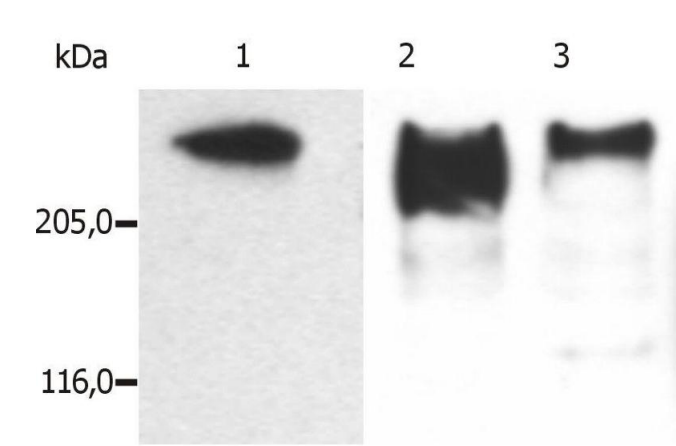
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Publications

Product cited in:	Riederer, Draberova, Viklicky, Draber: "Changes of MAP2 phosphorylation during brain development." in: The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society , Vol. 43, Issue 12, pp. 1269-84, (1996) (PubMed).
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Western Blotting

Image 1. Western Blotting analysis (reducing conditions) of microtubules partially purified from porcine brain lysate. Lane 1: immunostaining with anti-MAP2ab (MT-01) Lane 2: immunostaining with anti-MAP2ab (MT-07) Lane 3: immunostaining with anti-MAP2ab (MT-08)