

Rabbit Anti-Mouse Microtubule Associated Protein 2 (MAP2) Polyclonal Antibody

Cat. No.: VD2N535

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse microtubule associated protein 2. It is purified by Protein A Purified . It can be applied to WB, IHC, ICC and IP assays of mouse microtubule associated protein 2.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N34
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Microtubule Associated Protein 2
Isotype	IgG
Immunogen	Recombinant protein of mouse microtubule associated protein 2
Purification	Protein A Purified
Concentration	0.35 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Mouse microtubule-associated protein 2 (MAP2) is a neuronal protein that stabilizes microtubules and plays a crucial role in the development and maintenance of neuronal structure. It is predominantly expressed in the dendrites and cell bodies of neurons, where

it contributes to the formation and stability of dendritic branches. MAP2 is essential for proper neuronal differentiation and synaptic function. Its expression is regulated during neuronal development and is associated with synaptic plasticity.

Target	Mouse Microtubule Associated Protein 2
Target Synonym	MAP2A; MAP2B; MAP2C
Gene ID	17756
UniProt ID	P20357

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.