Recombinant MAP2 Monoclonal Antibody

catalog number: **AN300629L**

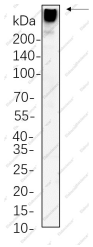
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human MAP2 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110253
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



Western Blot with Recombinant MAP2 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Neuro-2a whole cell lysate.

Observed-MW:280 kDa

Calculated-MW:200 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dentrites, implicating a role in determining and stabilizing dentritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described.

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