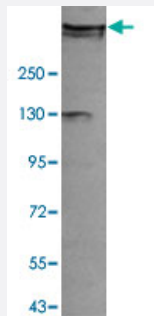


MAP2 monoclonal antibody

Catalog # MAB11155 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of mouse brain tissue lysate 50 ug/lane with MAP2 monoclonal antibody (Cat # MAB11155) at 1:1000 dilution. Predicted band size: 202 KDa. Observed band size: 300 KDa. Additional band size: 130 KDa.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant protein of MAP2.
Immunogen	Recombinant protein corresponding to N-terminus of human MAP2.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:5000-1:20000) Western Blot (1:100-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — MAP2

Entrez GeneID [4133](#)

Protein Accession# [P11137;NM_031846.1](#)

Gene Name MAP2

Gene Alias DKFZp686I2148, MAP2A, MAP2B, MAP2C

Gene Description microtubule-associated protein 2

Omim ID [157130](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations OTTHUMP00000163916

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)