

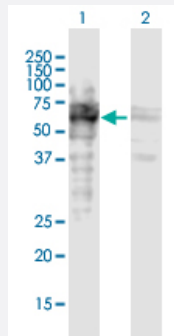
MaxPab®

MAP2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004133-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MAP2 expression in transfected 293T cell line ([H00004133-T01](#)) by MAP2 MaxPab polyclonal antibody.

Lane 1: MAP2 transfected lysate(49.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MAP2 protein.
Immunogen	MAP2 (NP_114033.2, 1 a.a. ~ 471 a.a) full-length human protein.
Sequence	MADERKDEAKAPHWTSAPL TEASAHSHPPEIKDQGGAGEGLVRSANGFPYREDEEGAFGEHGS QGTYSNTKENGINGELTSADRETAEV SARVQVVTAEAVAVLKGEQEKEAQHKDQTAALPLAAE ETANLPPSPPPSPASEQTVTVEEAAGGESALAPSVFKQAKDKVSDGVTKSPEKRSSLPRSSIL PPRRGVSGDRDENSFSLNSSISSSARRTRSEPIRRAGKSGTSTPTTPGSTAITPGTPPSYSSRTP GTPGTPSYPRTPHTPGTPKSAILVPSEKKVAIIITPPKSPATPKQLRLINQPLPDLKNVSKIGSTDNI KYQPKGGQVQIVTKIDL SHVTSKCGSLKNIRHRPGGGRVKIESVKLDFKEKAQAKVGSLDNAHH VPGGGNVKIDSQKLNFREHAKARVDHGAEITQSPGRSSVASPRRLSNVSSSGSINLLESPQLATL AEDVTAALAKQGL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — MAP2

Entrez GeneID	4133
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GeneBank Accession#	NM_031845.2
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Protein Accession#	NP_114033.2
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Gene Name	MAP2
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Gene Alias	DKFZp686I2148, MAP2A, MAP2B, MAP2C
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Gene Description	microtubule-associated protein 2
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Omim ID	157130
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Gene Ontology	Hyperlink
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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]
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Other Designations	OTTHUMP00000163916
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Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)

- [Edema](#)
- [Tobacco Use Disorder](#)