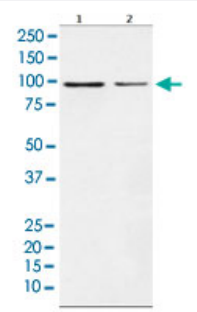
DNM1 monoclonal antibody, clone ACHH-4

Catalog # MAB22221 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: SH-SY5Y cell lysate; Lane 2: NIH/3T3 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human DNM1.
Immunogen	A synthetic peptide corresponding to human DNM1.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	The antibody reacts with human, mouse DNM1, in native form and recombinant. Superfamily members of DNM1 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western blot analysis of Lane 1: SH-SY5Y cell lysate; Lane 2: NIH/3T3 cell lysate.

Gene Info — DNM1

Entrez GeneID	1759
Protein Accession#	Q05193
Gene Name	DNM1
Gene Alias	DNM
Gene Description	dynamin 1
Omim ID	602377
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded pr otein possesses unique mechanochemical properties used to tubulate and sever membranes, an d is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the encoded protein, which can also self-as semble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3' region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Al ternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq
Other Designations	-

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Pathway

- Endocytosis
- Fc gamma R-mediated phagocytosis

Disease

- Tobacco Use Disorder

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