

Mouse anti-Human Dynamin-2 Antibody | anti-DNM2 antibody

Dynamin-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108613	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

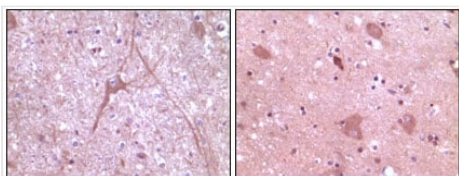
PRODUCT SYNONYMS

Dynamin-2; Dynamin-2 Antibody; DYN2; DYNII; CMTDI1; CMTDIB; DI-CMTB; anti-DNM2 antibody

PRODUCT SPECIFICATIONS

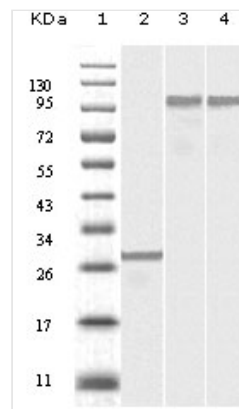
Host	Mouse
Reactivity	Human
Isotype	IgG2a
Clone Number	5E4C2F3
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	870
Applicable Applications for anti-DNM2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of Dynamin-2 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human cerebrum tissue (left) and myelencephalon tissue (right), showing cytoplasmic localization using Dynamin2 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using Dynamin2 mouse mAb against truncated Dynamin-2 recombinant protein (1), SKN-SH cell lysate (2) and NIH/3T3 cell lysate (3).

ADDITIONAL INFORMATION

Related Product Information for anti-DNM2 antibody	Dynamin-2 (Dyn2), with 870-amino acid protein (about 95kDa), belongs to the dynamin family. Dynamin-1 (neuron-specific), dynamin-2 (ubiquitously expressed), and dynamin-3 (expressed only in the testis, brain, and lung), constitute the dynamin family. Members of the dynamin family are GPTase, microtubule-associated proteins which are involved in endocytosis, synaptic transmission and neurogenesis. Dynamin 1 is expressed exclusively in neurons, Dynamin 2 is ubiquitously expressed and Dynamin 3 is thought to be restricted to expression in the brain, testis, heart, and lung. The dynamins participate in the cellular process of clathrin-mediated and fluid-phase endocytosis.
Product Categories/Family for anti-DNM2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549121
NCBI GeneID	1785
NCBI Accession #	NP_001005360.1
NCBI GenBank Nucleotide #	NM_001005360.2
UniProt Accession #	P50570; Q5I0Y0; Q7Z5S3; Q9UPH4; A8K1B6; E7EV30; E9PEQ4; K7ESI9
Molecular Weight	97,977 Da
NCBI Official Full Name	dynamin-2 isoform 1
NCBI Official Synonym Full Names	dynamin 2
NCBI Official Symbol	DNM2
NCBI Official Synonym Symbols	DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB
NCBI Protein Information	dynamin-2
UniProt Protein Name	Dynamin-2
UniProt Gene Name	DNM2
UniProt Synonym Gene Names	DYN2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.