

Rabbit DNM2 Polyclonal Antibody | anti-DNM2 antibody

DNM2 Rabbit Polyclonal Antibody

CATALOG # AAA313183	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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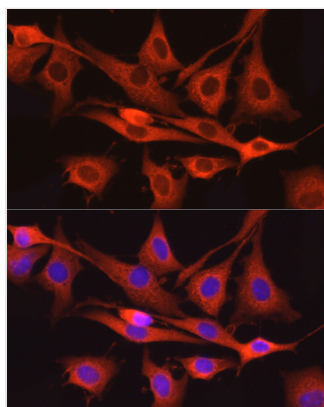
PRODUCT SYNONYMS

DNM2; Polyclonal Antibody; DNM2 Rabbit Polyclonal Antibody; CMT2M; CMTD11; CMTDIB; DI-CMTB; DYN2; DYNII; LCCS5; dynamin-2; anti-DNM2 antibody

PRODUCT SPECIFICATIONS

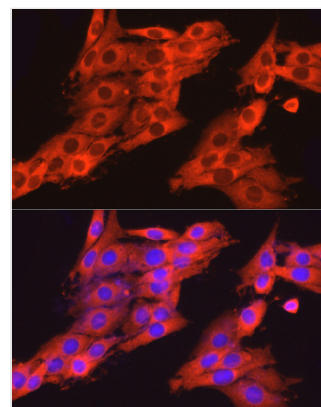
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-DNM2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human DNM2
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



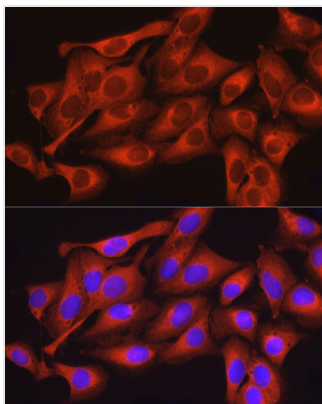
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using DNM2 antibody.



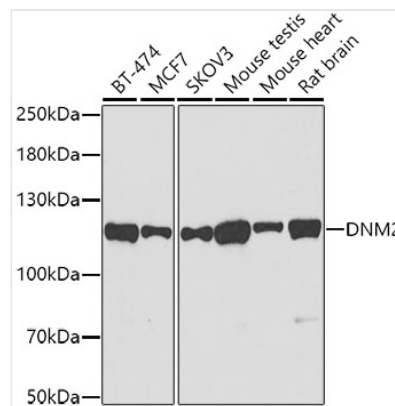
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using DNM2 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using DNM2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DNM2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DNM2 antibody

Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined.

Product Categories/Family for anti-DNM2 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549123
NCBI GeneID	1785
NCBI Accession #	NP_001005361.1
NCBI GenBank Nucleotide #	NM_001005361.2
UniProt Accession #	P50570; Q5I0Y0; Q7Z5S3; Q9UPH4; A8K1B6; E7EV30; E9PEQ4; K7ESI9
Molecular Weight	98,064 Da
NCBI Official Full Name	dynamamin-2 isoform 2
NCBI Official Synonym Full Names	dynamamin 2
NCBI Official Symbol	DNM2
NCBI Official Synonym Symbols	DYN2; CMT2M; DYNII; CMTDI1; CMTDIB; DI-CMTB
NCBI Protein Information	dynamamin-2; dynamamin II
UniProt Protein Name	Dynamamin-2
UniProt Gene Name	DNM2
UniProt Synonym Gene Names	DYN2
UniProt Entry Name	DYN2_HUMAN

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.

