

Rabbit DNM2 Polyclonal Antibody | anti-DNM2 antibody

DNM2 Polyclonal Antibody

CATALOG # AAA36699	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
------------------------------	-----------------------	--	-------------------------------------

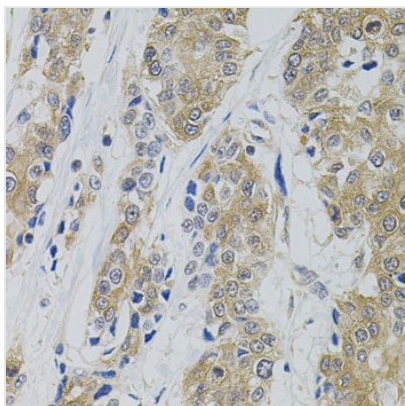
PRODUCT SYNONYMS

DNM2; Polyclonal Antibody; DNM2 Polyclonal Antibody; Dynamin II: DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB; anti-DNM2 antibody

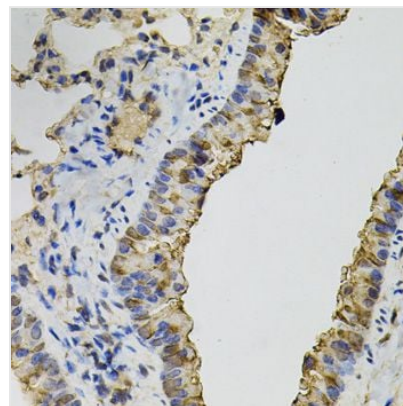
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	870
Applicable Applications for anti-DNM2 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human DNM2
Calculated Molecular Weight	98kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

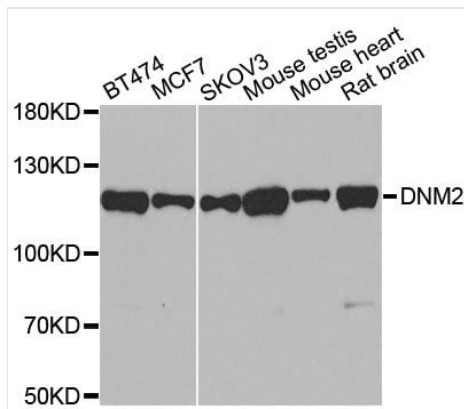
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using DNM2 antibody (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using DNM2 antibody (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DNM2 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	47117856
NCBI GeneID	1785
UniProt Accession #	P50570; Q5I0Y0; Q7Z5S3; Q9UPH4; A8K1B6; E7EV30; E9PEQ4; K7ESI9
Molecular Weight	870
NCBI Official Full Name	Dynamamin-2
NCBI Official Synonym Full Names	dynamamin 2
NCBI Official Symbol	DNM2
NCBI Official Synonym Symbols	DYN2; CMT2M; DYNII; LCCS5; 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.