

Rabbit anti-Human, Mouse DNM1L Polyclonal Antibody | anti-DNM1L antibody

DNM1L Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40616	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

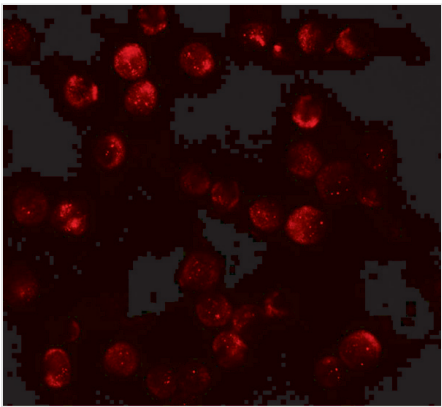
PRODUCT SYNONYMS

DNM1L; Polyclonal Antibody; DNM1L Antibody; DLP1; DRP1; DVLP; EMPF; DYMPLE; HDYNIV; Dynamin-1-like protein; Dynamin family member proline-rich carboxyl-terminal domain less; dynamin 1-like; anti-DNM1L antibody

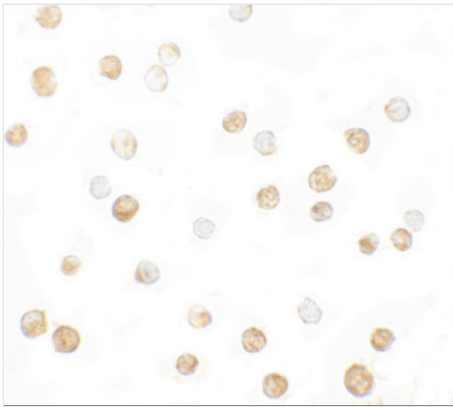
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	DNM1L antibody is human and mouse reactive. At least four isoforms of DNM1L are known to exist; this antibody will detect the two longest isoforms.
Purity/Purification	DNM1L antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	736
Applicable Applications for anti-DNM1L antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DNM1L antibody was raised against a 19 amino acid peptide near the center of human DNM1L.
Buffer	DNM1L antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DNM1L antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

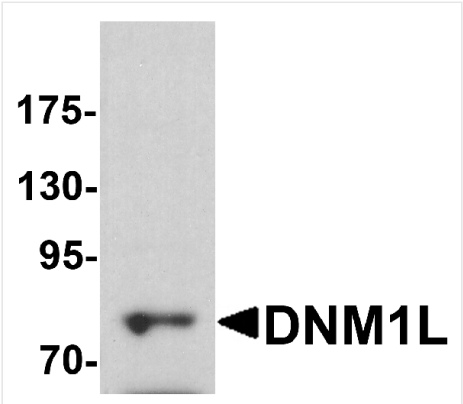
IMAGES



IF (Immunofluorescence)
Immunofluorescence of DNM1L in HeLa cells with DNM1L antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of DNM1L in HeLa cells with DNM1L antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of DNM1L in HeLa cell lysate with DNM1L antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-DNM1L antibody

The Dynamin-1-like protein (DNM1L) is a member of the dynamin superfamily of GTPases (1). DNM1L mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis (2). Dysfunction of this gene is implicated in several neurological disorders, including Alzheimer's disease. Mutations in this gene are associated with the autosomal dominant disorder, encephalopathy, lethal, due to defective mitochondrial and peroxisomal fission (EMPF) (3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	171460914
NCBI GeneID	10059
NCBI Accession #	NP_036192
NCBI GenBank Nucleotide #	NM_012062.4
UniProt Accession #	O00429; O14541; O60709; Q59GN9; Q7L6B3; Q8TBT7; Q9BWM1; Q9Y5J2; A8K4X9; B4DGC9; B4DSU8; J3KPI2
Molecular Weight	Predicted: 81 kDa Observed: 80 kDa
NCBI Official Full Name	dynamin-1-like protein isoform 1
NCBI Official Synonym Full Names	dynamin 1-like
NCBI Official Symbol	DNM1L

NCBI Official Synonym Symbols	DLP1; DRP1; DVLP; EMPF; DYMPLE; HDYNIV
NCBI Protein Information	dynamin-1-like protein; dynamin-like protein 4; dynamin-like protein IV; Dnm1p/Vps1p-like protein; dynamin-related protein 1; dynamin family member proline-rich carboxyl-terminal domain less
UniProt Protein Name	Dynamin-1-like protein
UniProt Gene Name	DNM1L
UniProt Synonym Gene Names	DLP1; DRP1; DVLP; Dymple; HdynIV
UniProt Entry Name	DNM1L_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dnm1l-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40616>