

Rabbit DNM1L-S637 Polyclonal Antibody | anti-DNM1L-S637 antibody

Phospho-DNM1L-S637 pAb

CATALOG # AAA281287	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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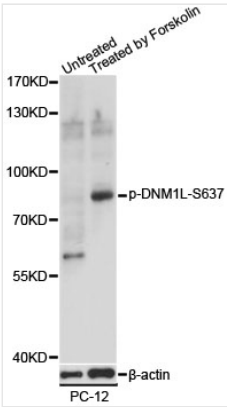
PRODUCT SYNONYMS

DNM1L-S637; Polyclonal Antibody; Phospho-DNM1L-S637 pAb; DLP1; DRP1; DVL1; DYMPLE; EMPF; EMPF1; HDYNIV; anti-DNM1L-S637 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	KLSAR
Sequence Length	725
Applicable Applications for anti-DNM1L-S637 antibody	WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding S637 of human DNM1L
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Cytoplasmic vesicle, Endomembrane system, Golgi apparatus, Membrane, Mitochondrion outer membrane, Peripheral membrane protein, Peroxisome, clathrin-coated pit, cytosol, secretory vesicle, synaptic vesicle membrane
Positive Samples	PC-12
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of PC-12 cells, using Phospho-DNM1L-S637 antibody at 1:1000 dilution. PC-12 cells were treated by Forskolin (30uM) for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-DNM1L-S637 antibody	This gene encodes a member of the dynamin superfamily of GTPases. The encoded protein mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis. 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). Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-DNM1L-S637 antibody	Phosphorylated Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	510937022
NCBI GeneID	10059
NCBI Accession #	NP_001265392.1
NCBI GenBank Nucleotide #	NM_001278463.1
UniProt Accession #	O00429; O14541; O60709; Q59GN9; Q7L6B3; Q8TBT7; Q9BWM1; Q9Y5J2; A8K4X9; B4DGC9; B4DSU8; J3KPI2
Molecular Weight	Calculated: 60kDa; 78kDa; 79kDa; 80kDa; 81kDa; 82kDa; 83kDa Observed: 80kDa
NCBI Official Full Name	dynamin-1-like protein isoform 4
NCBI Official Synonym Full Names	dynamin 1 like
NCBI Official Symbol	DNM1L
NCBI Official Synonym Symbols	DLP1; DRP1; DVLP; EMPF; OPA5; EMPF1; DYMPLE; HDYNIV
NCBI Protein Information	dynamin-1-like protein
UniProt Protein Name	Dynamin-1-like protein
UniProt Gene Name	DNM1L
UniProt Synonym Gene Names	DLP1; DRP1; DVLP; Dymple; HdynIV

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://www.aaabiotech.com/polyclonal/dnm1l-s637-antibody-western-blot-elisa/281287>