

Rabbit Phospho-DRP1-S616 Polyclonal Antibody | anti-DRP1-S616 antibody

Phospho-DRP1-S616 Rabbit pAb

CATALOG # AAA282107	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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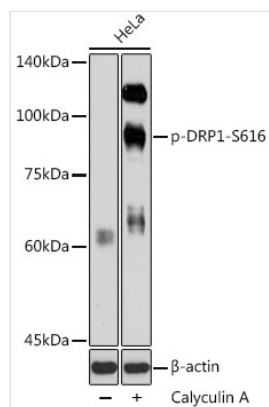
PRODUCT SYNONYMS

Phospho-DRP1-S616; Polyclonal Antibody; Phospho-DRP1-S616 Rabbit pAb; DNM1L; DLP1; DRP1; DVLP; DYMPLE; EMPF; EMPF1; HDYNIV; anti-DRP1-S616 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH 7.3
Sequence	PASPQ
Applicable Applications for anti-DRP1-S616 antibody	ELISA, WB (Western Blot)
Immunogen	A synthetic phosphorylated peptide around S616 of human DRP1 (NP_036192.2).
Cross-Reactivity	Human
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using Phospho-DRP1-S616 antibody at 1:1000 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-DRP1-S616 antibody	Background: 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-DRP1-S616 antibody	Protein phosphorylation ; Research ; Endocrine & Metabolism ; Mitochondrial metabolism ; Mitochondrial markers ; Research ; Neuroscience ; Neurodegenerative Diseases ; Dopamine Signaling in Parkinson's Disease ; Phosphorylated Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	171460918
NCBI GeneID	10059
NCBI Accession #	NP_005681.2
NCBI GenBank Nucleotide #	NM_005690.4
UniProt Accession #	O00429; O14541; O60709; Q7L6B3; Q8TBT7; Q9BWM1; Q9Y5J2; A8K4X9; B4DSU8
Molecular Weight	Calculated MW: 82KD Observed MW: 83 kDa
NCBI Official Full Name	dynamin-1-like protein isoform 3
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/phospho-drp1-s616-antibody-western-blot-elisa/282107>