

Rabbit anti-Human, Rat DRP1 Polyclonal Antibody | anti-DRP1 antibody

DRP1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282256	Rabbit	Human, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

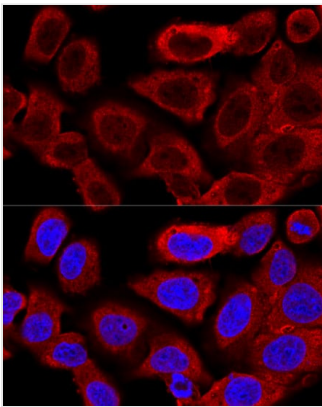
PRODUCT SYNONYMS

DRP1; Polyclonal Antibody; DRP1 Rabbit pAb; DNM1L; DLP1; DVLP; DYMPLE; EMPF; EMPF1; HDYNIV; dynamin 1 like; anti-DRP1 antibody

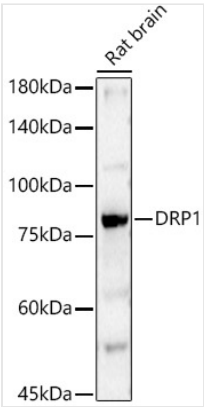
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	MEAKTLGTVT PRKPVLSVSA RKIKDNAADW HNLILKWETL NDAGFTTANN IANLKISLLN KDKIELDSSS PASKENEEKV CLEYNEELEK LCEELQATLD GLTKIQVKME KLSSTTKGIC ELENYHYGEE SKRPPLFHTW PTTHFYEVSH KLEMYRKEL LLKRTVAKEL AHTGDPDLTL SYLSMWLHQP YVESDSRLHL ESMLLETGHR AL
Applicable Applications for anti-DRP1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	Rat brain
Immunogen	Recombinant protein of human DRP1.
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
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Confocal immunofluorescence analysis of U-2 OS cells using DRP1 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of Rat brain, using DRP1 antibody at 1:400 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-DRP1 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-DRP1 antibody	Cancer; Signal Transduction; Cell Biology & Developmental Biology; Apoptosis; Endocrine & Metabolism; Mitochondrial metabolism; Mitochondrial markers; Neuroscience; Neurodegenerative Diseases; Dopamine Signaling in Parkinson's Disease; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	14249156
NCBI GeneID	51550
NCBI Accession #	NP_116019.1
NCBI GenBank Nucleotide #	NM_032630.2
UniProt Accession #	Q9BW66; Q9NPF9; F5H7P3; F5H8A7
Molecular Weight	26,051 Da
NCBI Official Full Name	cyclin-dependent kinase 2-interacting protein
NCBI Official Synonym Full Names	cyclin-dependent kinase 2 interacting protein
NCBI Official Symbol	CINP
NCBI Protein Information	cyclin-dependent kinase 2-interacting protein; CDK2-interacting protein
UniProt Protein Name	Cyclin-dependent kinase 2-interacting protein
UniProt Gene Name	CINP
UniProt Synonym Gene Names	CDK2-interacting protein
UniProt Entry Name	CINP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/drpf1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282256>