

Rabbit DRP1 Polyclonal Antibody | anti-DRP1 antibody

DRP1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29014	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

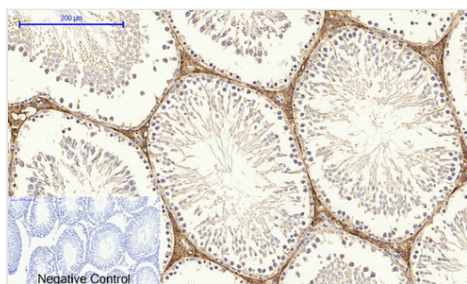
PRODUCT SYNONYMS

DRP1; Polyclonal Antibody; DRP1 Polyclonal Antibody; DNM1L; DLP1; Dynamin-1-like protein; Dnm1p/Vps1p-like protein; DVLP; Dynamin family member proline-rich carboxyl-terminal domain less; Dymple; Dynamin-like protein; Dynamin-like protein 4; Dynamin-like protein IV; HdynIV; Dynamin-rela; anti-DRP1 antibody

PRODUCT SPECIFICATIONS

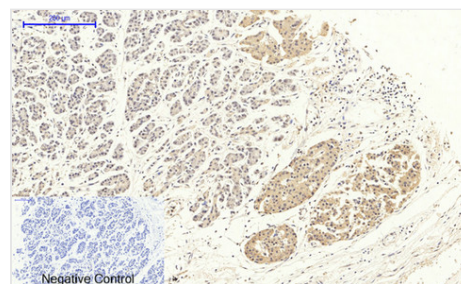
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-DRP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



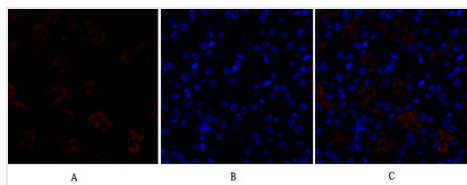
IHC (Immunohistochemistry)

Dilution: IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.



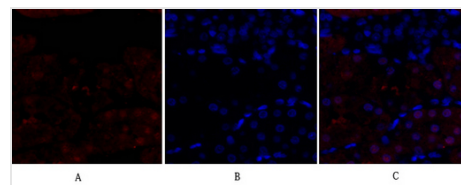
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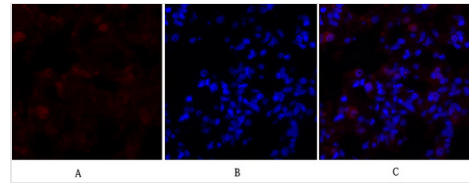
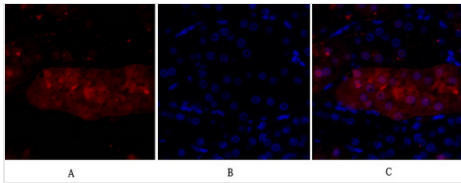
IF (Immunofluorescence)

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Application Data

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ADDITIONAL INFORMATION

Related Product Information for anti-DRP1 antibody

Functions in mitochondrial and peroxisomal division. Mediates membrane fission through oligomerization into membrane-associated tubular structures that wrap around the scission site to constrict and sever the mitochondrial membrane through a GTP hydrolysis-dependent mechanism. The specific recruitment at scission sites is mediated by membrane receptors like MFF, MIEF1 and MIEF2 for mitochondrial membranes (PubMed:27301544, PubMed:27328748). Required for formation of endocytic vesicles. Proposed to regulate synaptic vesicle membrane dynamics through association with BCL2L1 isoform Bcl-X (L) which stimulates its GTPase activity in synaptic vesicles; the function may require its recruitment by MFF to clathrin-containing vesicles. Required for programmed necrosis execution.

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	82KD
NCBI Official Full Name	dynamamin-1-like protein isoform 3
NCBI Official Synonym Full Names	dynamamin 1-like
NCBI Official Symbol	DNM1L
NCBI Official Synonym Symbols	DLP1; DRP1; DVLP; EMPF; DYMPLE; HDYNIV
NCBI Protein Information	dynamamin-1-like protein; dynamamin-like protein 4; dynamamin-like protein IV; Dnm1p/Vps1p-like protein; dynamamin-related protein 1; dynamamin family member proline-rich carboxyl-terminal domain less
UniProt Protein Name	Dynamamin-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/drp1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29014>