

Rabbit LONP1 Polyclonal Antibody | anti-LONP1 antibody

LONP1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313862	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

LONP1; Polyclonal Antibody; LONP1 Rabbit Polyclonal Antibody; CODASS; LON; LONP; LonHS; PIM1; PRSS15; hLON; anti-LONP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-LONP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human LONP1 (NP_004784.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



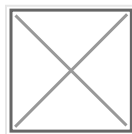
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using LONP1 Rabbit pAb.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LONP1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using LONP1 Rabbit pAb.

ADDITIONAL INFORMATION

Related Product Information for anti-LONP1 antibody	This gene encodes a mitochondrial matrix protein that belongs to the Lon family of ATP-dependent proteases. This protein mediates the selective degradation of misfolded, unassembled or oxidatively damaged polypeptides in the mitochondrial matrix. It may also have a chaperone function in the assembly of inner membrane protein complexes, and participate in the regulation of mitochondrial gene expression and maintenance of the integrity of the mitochondrial genome. Decreased expression of this gene has been noted in a patient with hereditary spastic paraplegia (PMID:18378094). Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-LONP1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	12644239
NCBI GeneID	9361
UniProt Accession #	P36776; P36777; Q8N8K8; Q9UQ95; B3KPH8; D6W635; E5KMH8; F5GZ27
Molecular Weight	959
NCBI Official Full Name	Lon protease homolog, mitochondrial
NCBI Official Synonym Full Names	lon peptidase 1, mitochondrial
NCBI Official Symbol	LONP1
NCBI Official Synonym Symbols	LON; LONP; PIM1; hLON; LonHS; PRSS15
NCBI Protein Information	lon protease homolog, mitochondrial; LONP; LONP1; serine protease 15; lon protease-like protein; hLON ATP-dependent protease; mitochondrial lon protease-like protein; mitochondrial ATP-dependent protease Lon
UniProt Protein Name	Lon protease homolog, mitochondrial
UniProt Gene Name	LONP1
UniProt Entry Name	LONM_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/lonp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313862>