

Rabbit LONP1 Polyclonal Antibody | anti-LONP1 antibody

LONP1 Polyclonal Antibody

CATALOG # AAA166691	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.6mg/mL (varies by lot)
Sequence Length	763
Applicable Applications for anti-LONP1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human LONP1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using LONP1 Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using LONP1 Polyclonal Antibody at dilution 1:25

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	451327636
-----------	-----------

NCBI GeneID	9361
NCBI Accession #	NP_001263409.1
NCBI GenBank Nucleotide #	NM_001276480.1
Molecular Weight	85,642 Da
NCBI Official Full Name	lon protease homolog, mitochondrial isoform 3
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; hLON ATP-dependent protease; lon protease-like protein; mitochondrial ATP-dependent protease Lon; mitochondrial lon protease-like protein; serine protease 15
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lonp1-antibody-immunohistochemistry-elisa/166691>