

Rabbit anti-E Coli LON PROTEASE Polyclonal Antibody | anti-LONP1 antibody

Anti-LON PROTEASE Antibody, Rabbit Polyclonal

CATALOG # AAA257039	HOST Rabbit	REACTIVITY E Coli	APPLICATIONS ELISA
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PRODUCT SYNONYMS

LON PROTEASE; Polyclonal Antibody; Anti-LON PROTEASE Antibody; Rabbit Polyclonal; Escherichia coli LON PROTEASE Antibody; Rabbit PAb; anti-LONP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	E Coli
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Escherichia coli LON PROTEASE
Purity/Purification	Protein A
Form/Format	0.2um filtered solution in PBS
Applicable Applications for anti-LONP1 antibody	ELISA
Immunogen	Recombinant Escherichia coli LON PROTEASE protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Escherichia coli LON PROTEASE. Total IgG was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-LONP1 antibody	Lon protease, an ATP-dependent mitochondrial protease, is important in mitochondrial protein maintenance. Lon protease is a multifunctional enzyme, and its functions include the degradation of damaged proteins and naturally short-lived proteins, ATPase and chaperone-like activities, as well as DNA binding. Lon protease plays a major role in the protein quality control system in mammalian cell mitochondria. It is present in the mitochondrial matrix and degrades oxidized and misfolded proteins, thereby protecting the cell from various extracellular stresses, including oxidative stress. The intellectual disability-associated and thalidomide-binding protein cereblon (CRBN) contains a large, highly conserved Lon domain. The Lon ATP-dependent protease plays an important role in regulating many biological processes in bacteria.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16128424
NCBI GeneID	945085
NCBI Accession #	NP_414973.1

NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0A9M0 ; P08177 ; P78219 ; Q2MBY7
NCBI Official Full Name	DNA-binding ATP-dependent protease La
NCBI Official Symbol	lon
NCBI Official Synonym Symbols	capR; deg; dir; ECK0433; JW0429; lonA; lopA; muc
NCBI Protein Information	DNA-binding ATP-dependent protease La
UniProt Protein Name	Lon protease
UniProt Gene Name	lon

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://www.aaabiotech.com/polyclonal/lon-protease-antibody-elisa/257039>