

Product datasheet for TA363639

LONP1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the N terminal region of human Immunogen:

LONP1

Specificity: **Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 83 kDa

Gene Name: lon peptidase 1, mitochondrial

Database Link: NP 001263408.1

Entrez Gene 9361 Human

P36776-3



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LONP1 Rabbit Polyclonal Antibody - TA363639

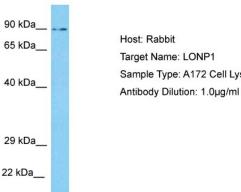
Background: This gene encodes a mitochondrial matrix protein that belongs to the Lon family of ATP-

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. Alternatively spliced transcript variants have been found for this gene.

Synonyms: hLON; LON; LONP; MGC1498; PIM1; PRSS15

Protein Families: Druggable Genome, Protease

Product images:



Sample Type: A172 Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: LONP1

Sample Tissue: Human A172 Whole Cell lysates

Antibody Dilution: 1ug/ml