

DNAXPab

Hard-to-Find
Antibody

LONP1 DNAXPab

Catalog # H00009361-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LONP1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAASTGYVRLWGAARCWVLRPMLAAAGGRVPTAAGAWLLRGQRTCDASPPWALWGRGPAIG GQWRGFWEASSRGGGAFSGGEDASEGGAEEGAGGAGGSAGAGEGPVITALTPMTIPDVPHL PLIAITRNPVFPRFIKIEVKNNKLVELLRRKVRLAQPYGVFLKRDDSNESDVVESLDEMYHTGTFAQ IHEMQDLGDKLRMVMGHRRVHISRQLEVEPEEPEAENKHKPRRKSKRGKKEAEDELSARHPAE LAMEPTPELPAEVLMEVENVHEDFQVTEEVKALTAENVKTIRDIALNPLYRESVLQMMQAGQR VVDNPMYLSDMGAALTGAESHELQDVLEETNIPKRLYKALSLLKKEFELSKLQQRLGREVEEKIKQT HRKYLLQEQLKIKKELGLEKDDKDAIEEKFRERLRELVPKHVMDVVDEELSKLGLLDNHSSEFN VTRNYLDWLTSPWVGKYSNENLDLARAQAVLEEDHYGMEDVKKRILEFIAVSQLRGSTQGKILCFY GPPGVGKTSIARSIARALNREYFRFSVGGMTDVAEIKGHRRTYVGAMPGKIIQCLKKTENPLIID EVDKIGRGYQGDPSALLELLDPEQANFLDHLDVPVDLSKVLFICTANVTDIPEPLRDRMEMI NVSGYVAQEKLAI AERYLVPQARALCGLDESKAKLSSDVLTLIKQYCRESGVRNLQKQVEKVLR KSAKYIVSGEASVEVTPENLQDFVGKPVFTVERMYDTPPGVVMGLAWTAMGGSTL FVETSLR RPQDKDAKGDKDGSLEVTGQLGEVMKESARIA YTFARAFLMQHAPANDYLVTSIHHLHVPEGATP KDGPSAGCTIVTALLSLAMGRPVRQNLAMTGEVSLTGKILPVGGIKEKTI AAKRAGVTCMLPAENK KDFYDLAAFITEGLEVHFVEHYREIFDIAFPDEQAEAL AVER
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — LONP1

Entrez GeneID [9361](#)

GeneBank Accession# [NM_004793.2](#)

Protein Accession# [NP_004784.2](#)

Gene Name LONP1

Gene Alias LON, LONP, LonHS, MGC1498, PIM1, PRSS15, hLON

Gene Description lon peptidase 1, mitochondrial

Omim ID [605490](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a mitochondrial matrix protein in the Lon family of ATP-dependent proteases. A similar E. coli protein regulates gene expression by targeting specific regulatory proteins for degradation. This protein binds a specific sequence in the light and heavy chain promoters of the mitochondrial genome which are involved in regulation of DNA replication and transcription. [provided by RefSeq]

Other Designations LON protease|Lon protease-like protein|hLON ATP-dependent protease|mitochondrial lon peptidase 1|protease, serine, 15