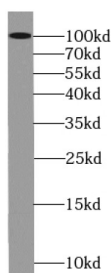
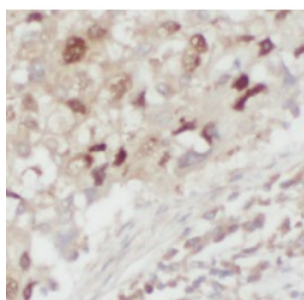


Lon Protease Homolog, Mitochondrial (LONP1) Antibody

Catalogue No.: abx234821



WB analysis of Jurkat cells, using LONP1 antibody (1/5000 dilution).



IHC-P analysis of human lung cancer tissue, using LONP1 Antibody (1/800 dilution). Heat-mediated antigen retrieval was carried out with Tris-EDTA buffer, pH 9.

LONP1 Antibody is a Mouse Monoclonal against LONP1.

Target: Lon Protease Homolog, Mitochondrial (LONP1)

Clonality: Monoclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC, IF/ICC

Host: Mouse

Recommended dilutions: WB: 1/500 - 1/10000, IHC: 1/400 - 1/1600, IF/ICC: 1/10 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: lon peptidase 1, mitochondrial

Isotype: IgG_{2a}

Form: Liquid

Purity: ≥ 95% (SDS-PAGE)

Datasheet

Version: 3.0.0
Revision date: 31 Jul 2025



Purification: Purified by Protein A and Protein G affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Validity: 12 months.

UniProt Primary AC: P36776 ([UniProt](#), [ExPASy](#))

Gene Symbol: LONP1

GeneID: [9361](#)

OMIM: [600373](#)

HGNC: 9479

KEGG: hsa:9361

Ensembl: ENSG00000196365

String: [9606.ENSP00000353826](#)

Molecular Weight: Observed MW: 100 kDa

Buffer: PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.

Concentration: 2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.