



[Go to Product page](#)

Datasheet for ABIN7466736
anti-LONP2 antibody (C-Term)

Overview

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|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | LONP2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LONP2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-------------------|---|
| Immunogen: | Recombinant protein encompassing a sequence within the C-terminus region of human LONP2. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

| | |
|-------------------|--|
| Target: | LONP2 |
| Alternative Name: | lon peptidase 2, peroxisomal (LONP2 Products) |
| Background: | Lon peptidase 2, peroxisomal , LONP , LONPL , PLON , PSLON,ATP-dependent serine protease |

Target Details

that mediates the selective degradation of misfolded and unassembled polypeptides in the peroxisomal matrix. Necessary for type 2 peroxisome targeting signal (PTS2)-containing protein processing and facilitates peroxisome matrix protein import.

Molecular Weight: 95 kDa

Gene ID: 83752

UniProt: [Q86WA8](#)

Application Details

Application Notes: WB: 1:1000-1:10000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Mouse brain

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.