

LONP2 Rabbit Polyclonal Antibody



CAB15909

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

110kDa

Calculated MW:

89kDa/94kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

In human, peroxisomes function primarily to catalyze fatty acid beta-oxidation and, as a by-product, produce hydrogen peroxide and superoxide. The protein encoded by this gene is an ATP-dependent protease that likely plays a role in maintaining overall peroxisome homeostasis as well as proteolytically degrading peroxisomal proteins damaged by oxidation. The protein has an N-terminal Lon N substrate recognition domain, an ATPase domain, a proteolytic domain, and, in some isoforms, a C-terminal peroxisome targeting sequence. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Immunogen information

Gene ID:

83752

Uniprot

Q86WA8

Synonyms:

LONP2; LONP; LONPL; PLON; PSLON

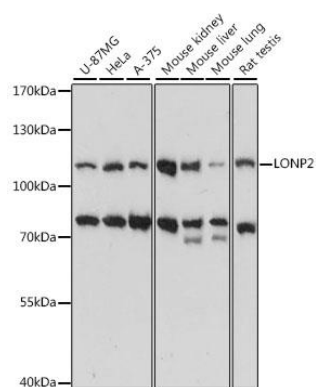
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human LONP2 (NP_113678.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using LONP2 antibody (CAB15909) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.