

# LONP2 Rabbit pAb

货号: **AYP15115**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	89kDa/94kDa
实测分子量	110kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,HeLa,A-375,Mouse kidney,Mouse liver,Mouse lung,Rat testis
细胞定位	Peroxisome matrix
纯化	Affinity purification

## 抗原信息

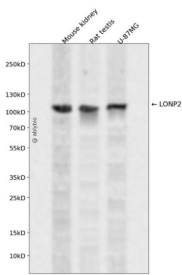
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human LONP2 (NP_113678.2).
序列	MSSVSIQIPSRPLLLTHEGVLLPGSTMRTSVDSARNLQLVRSRLLKGTSLQSTILGVIPNTPDPASDAQDLPLPHRIGTAA LAVQVVGSNWPKPHYTLITGLCRFQIVQLKEKPYPIAEVEQLDRLEEFNPTCKMREELGELSEQFYKYAVQLVEMLDMSV PAVAKLRRLDLSLPREALPDILTIIIRTSNKEKLQILDVAVSLEERFKMTIPLLRQIEGLKLLQKTRKPKQDDDKRVIAIRPIRRIT HISGTLEDEDEDEDNDDIVMLEKKIRTSSMPEQAHKVCVKEIKRLKKM

## 靶点信息

研究背景	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.
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基因ID	83752
基因名	LONP2
Swiss	Q86WA8
别名	LONP2;LONP;LONPL;PLON;PSLON

## 产品验证



Western blot analysis of LONP2 expressed in Mouse kidney,Rat testis,U-87MG using LONP2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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