

Rabbit Anti-LONP2/Cy5.5 Conjugated antibody

SL18336R-Cy5. 5

Product Name	Anti-LONP2/Cy5.5
Chinese Name	Cy5.5 标记的 Lon 蛋白酶 2 抗体
Alias	Lon peptidase 2, peroxisomal; Lon protease 2; Lon protease homolog 2; Lon protease homolog 2 peroxisomal; Lon protease like protein 2; Lon protease-like protein 2; LONP; lonp2; LONP2_HUMAN; LONPL; MGC4840; Peroxisomal Lon protease; Peroxisomal Lon protease homolog 2; Peroxisomal LON protease like.
Research Area	Cell biology Signal transduction Ubiquitin
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	22kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human LONP2
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: ATP-dependent serine protease 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.

Subunit:

Interacts with PEX5. Interacts with TYSND1.

Subcellular Location:

Peroxisome matrix.

Similarity:

Belongs to the peptidase S16 family. Contains 1 Lon domain.

Database links:

[Entrez Gene: 83752](#) Human

[Entrez Gene: 66887](#) Mouse

[Entrez Gene: 291922](#) Rat

[SwissProt: Q86WA8](#) Human

[SwissProt: Q9DBN5](#) Mouse

[SwissProt: Q3MIB4](#) Rat

[Unigene: 295923](#) Human

[Unigene: 324550](#) Mouse

[Unigene: 103067](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.