

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-LONP1



Numéro de catalogue: **CL488-15440**

Phare

Informations de base

Numéro de catalogue: CL488-15440	Numéro d'acquisition GenBank: BC000235	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 9361	Dilutions recommandées: IF 1:50-1:500
Hôte: Lapin	Nom complet: lon peptidase 1, mitochondrial	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	MW calculé: 106 kDa	
Immunogen Catalog Number: AG7196	MW observés: 100 kDa	

Applications

Applications testées: IF	Contrôles positifs: IF : cellules HepG2,
Spécificité de l'espèce: Humain, rat, souris	

Informations générales

LONP1(Lon protease homolog, mitochondrial) is also named as LONP, LONHS, HLON, LON, PRSS15, PIM1, MGC1498 and belongs to the peptidase S16 family. It seems to play a major role in the elimination of oxidatively modified proteins in the mitochondrial matrix(PMID:18021745). LONP1, also a nuclearly encoded and mitochondrially located stress-responsive protease, is involved in heme-mediated ALAS-1 turnover(PMID:21659532). It recognizes specific surface determinants or folds, initiates proteolysis at solvent-accessible sites, and generates unfolded polypeptides that are then progressively degraded(PMID:15870080). LONP1 has some isoforms with the MW of 106 kDa, 100 kDa and 86 kDa.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

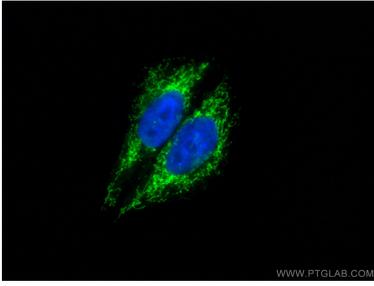
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 LONP1 antibody (CL488-15440) at dilution of 1:200.