

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-CTNS



Numéro de catalogue: 13085-1-AP

3 Publications

## Informations de base

Numéro de catalogue:  
13085-1-AP

Taille:  
150ul, Concentration: 240 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG3904

Numéro d'acquisition GenBank:  
BC032850

Identification du gène (NCBI):  
1497

Nom complet:  
cystinosis, nephropathic

MW calculé  
400aa,45 kDa; 367aa,42 kDa

MW observés:  
45 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:1000  
IF 1:50-1:500

## Applications

Applications testées:  
IF, WB, ELISA

Demandes citées:  
IF, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, souris

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules HepG2

IF : cellules HEK-293,

## Informations générales

The CTNS or cystinosis is a lysosomal membrane protein which comprises with seven transmembrane domains, a 128 amino acid N-terminal region bearing seven N-glycosylation sites and a cytosolic C-terminal GYDQL sorting motif. It functions as a H<sup>+</sup>-driven cystine transporter responsible for cystine export from lysosomes. The mutation of CTNS gene cause an inherited disorder, cystinosis, characterized by defective lysosomal efflux of cystine. This antibody was raised against the N-terminal region of human cystinosis. Two isoforms of CTNS exist due to alternative splicing events and both of them can be detected through this antibody.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jong-Jer Lee	31672277	Biochem Biophys Res Commun	WB
Sho Kobayashi	33189725	J Immunol Methods	IF
Mary L Taub	21392501	Biochem Biophys Res Commun	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % 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:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

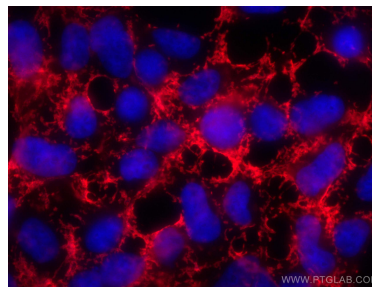
E: proteintech@ptglab.com  
W: ptglab.com

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## Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with 13085-1-AP (CTNS antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CTNS antibody (13085-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).