À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-calreticulin

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:27298-1-AP Phare 29 Publications

Informations de base

Numéro de catalogue:
27298-1-AP

Taille:
150ul , Concentration: 530 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG26064

Numéro d'acquisition GenBank:
BC002500

Identification du gène (NCBI):
811

Nom complet:
calreticulin

MW calculé
60 kDa

MW observés:
55 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:10000
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
FC, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, singe, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules C6, cellules NIH/3T3, cellules SH-SY5Y, tissu cérébral de rat, tissu cérébral de souris, tissu de muscle squelettique de souris

IHC : tissu thyroïdien humain,

IF : cellules HepG2, cellules HeLa, cellules SKOV-3

Informations générales

CALR,also named as grp60, ERp60, HACBP, CRP55, CRTC and Calregulin, belongs to the calreticulin family. It is a molecular calcium-binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. CALR is a ER marker. It interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. CALR interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export. The MW of CALR migrates aberrantly at 60 kD by SDS-PAGE. Some study provided that it's a new possibility for CRT-mediated tumor immune prevention and treatment.

Publications notables

Autrice	Pubmed ID	Journal	Application
Wei Cai	36170234	Autophagy	IF
Yu Chen	34592660	Cell Calcium	WB,IF
Xianglong Yu	36109853	ACS Appl Mater Interfaces	WB

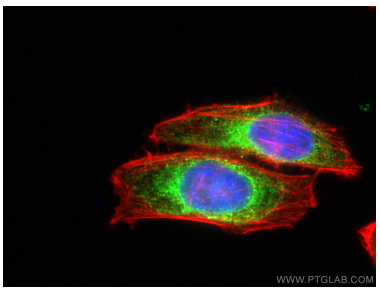
Stockage

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

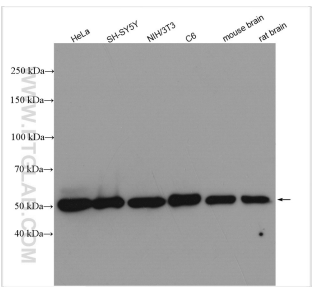
***** Les 20ul contiennent 0,1% de BSA.**

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

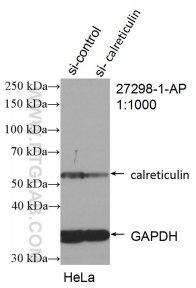
Données de validation sélectionnées



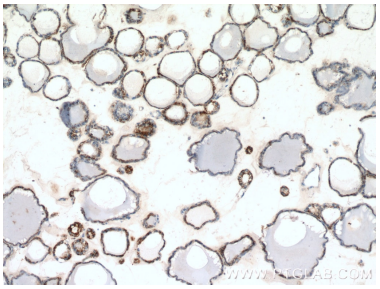
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Calreticulin antibody (27298-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



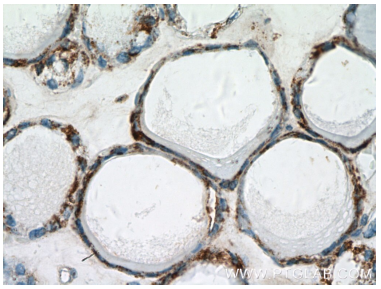
Various lysates were subjected to SDS PAGE followed by western blot with 27298-1-AP (Calreticulin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



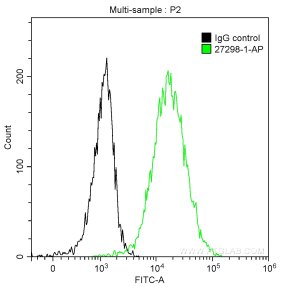
WB result of Calreticulin antibody (27298-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Calreticulin transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human thyroid tissue slide using 27298-1-AP (calreticulin Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human thyroid tissue slide using 27298-1-AP (calreticulin Antibody) at dilution of 1:200 (under 40x lens).



1X10^6 Jurkat cells were stained with 0.2 ug Anti-Human Calreticulin (27298-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.