

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-calreticulin



Numéro de catalogue: 10292-1-AP

Phare

58 Publications

Informations de base

Numéro de catalogue: 10292-1-AP	Numéro d'acquisition GenBank: BC002500	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 400 µg/ml by Nanodrop;	Identification du gène (NCBI): 811	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: calreticulin	
Isotype: IgG	MW calculé: 60 kDa	
Immunogen Catalog Number: AG0325	MW observés: 55 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

Cell treatment, FC, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, 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 HL-60, cellules A549, cellules COLO 320, cellules HeLa, cellules HepG2, cellules MCF-7, cellules NIH/3T3, cellules SH-SY5Y, tissu cérébral de rat, tissu cérébral de souris, tissu de muscle squelettique humain

IHC : tissu thyroïdien humain, tissu de cancer de la thyroïde humaine, tissu de côlon de souris, tissu de muscle squelettique humain, tissu pulmonaire de souris

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 55 kDa 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
Lihua Luo	34593005	J Nanobiotechnology	WB
Xuan Wang	36167857	Nat Commun	WB
Yezi Chen	36105615	Int J Nanomedicine	IF

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.

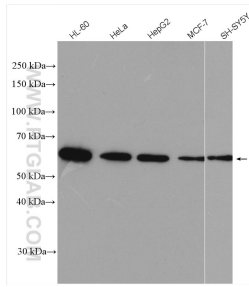
For technical support and original validation data for this product please contact:

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

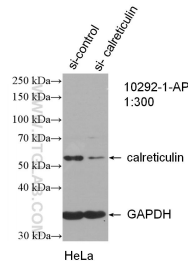
E: proteintech@ptglab.com
W: ptglab.com

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

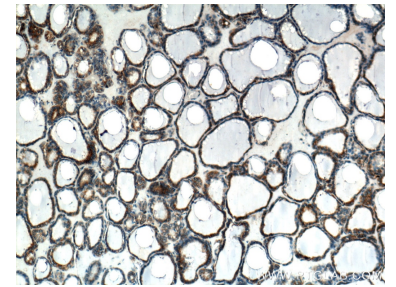
Données de validation sélectionnées



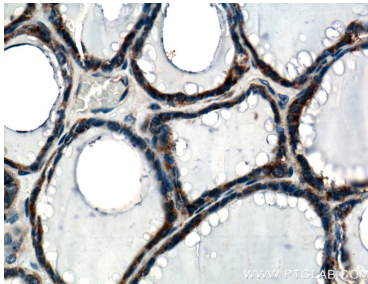
Various lysates were subjected to SDS PAGE followed by western blot with 10292-1-AP (calreticulin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



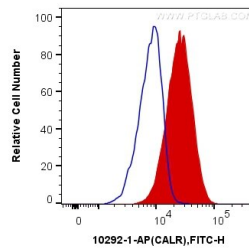
WB result of calreticulin antibody (10292-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-calreticulin transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human thyroid tissue slide using 10292-1-AP (calreticulin Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human thyroid tissue slide using 10292-1-AP (calreticulin Antibody) at dilution of 1:200 (under 40x lens).



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug Anti-Human calreticulin (10292-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).