

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CHOP; GADD153



Numéro de catalogue: 15204-1-AP

Phare

423 Publications

Informations de base

Numéro de catalogue:

15204-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7354

Numéro d'acquisition GenBank:

BC003637

Identification du gène (NCBI):

1649

Nom complet:

DNA-damage-inducible transcript 3

MW calculé

19 kDa

MW observés:

30 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IHC 1:50-1:500

IF 1:500-1:2000

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Demandes citées:

ChIP, CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, poisson-zèbre, porc, poulet, rat, souris, Hamster

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 traitées à la tunicamycine, cellules C6, cellules HeLa, cellules HSC-T6, cellules K-562, cellules MCF-7, cellules NIH/3T3, cellules RAW 264.7

IHC : tissu de cancer du côlon humain, tissu cérébral de souris, tissu de cancer de la thyroïde humaine, tissu de cancer du col de l'utérus humain, tissu de cancer du sein humain

IF : cellules HeLa traitées à la tunicamycine,

Informations générales

CHOP, also known as GADD153 or DDIT3, is a highly conserved gene in both the structural and regulatory regions. Imposed by unfolded and misfolded proteins, CHOP is significantly induced by ER stress. CHOP is considered a proapoptotic marker of ER stress dependent cell death. CHOP acts as a dominant-negative inhibitor of the transcription factor C/EBP and LAP. It may play an important role in the malignant transformation of nevus to melanoma. The calculated molecular weight of CHOP is 19 kDa, but the protein migrates on an SDS-PAGE gel with an observed molecular mass of 29 kDa (PMID: 1547942).

Publications notables

Autrice	Pubmed ID	Journal	Application
Junxia Hu	31580970	Biomed Pharmacother	WB,IF
Nitchakarn Kaokhum	36182100	Mol Cell Proteomics	WB,IF
Larissa G de Vicente	34592238	Life Sci	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.

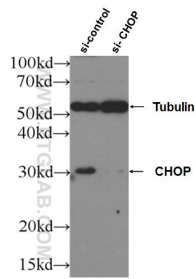
For technical support and original validation data for this product please contact:

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

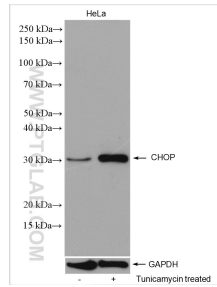
E: proteintech@ptglab.com
W: ptglab.com

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

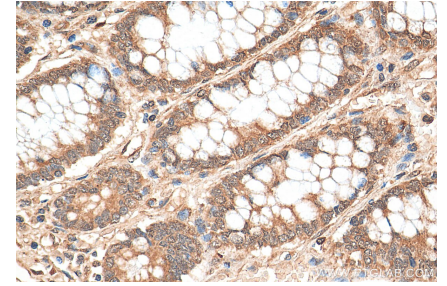
Données de validation sélectionnées



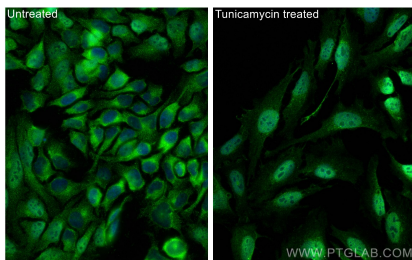
WB result of CHOP antibody (15204-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CHOP transfected HeLa cells.



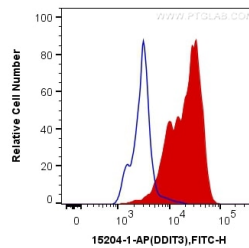
Tunicamycin treated HeLa cells were subjected to SDS PAGE followed by western blot with 15204-1-AP (CHOP; GADD153 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15204-1-AP (CHOP; GADD153 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Tunicamycin treated HeLa cells using CHOP; GADD153 antibody (15204-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 HeLa cells were intracellularly stained with 0.4 ug Anti-Human CHOP; GADD153 (15204-1-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 90% MeOH.