À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CISD2

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

Numéro de catalogue:13318-1-AP Phare 21 Publications

Informations de base

Numéro de catalogue:
13318-1-AP

Taille:
150ul , Concentration: 750 μg/ml by Nanodrop and 347 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4172

Numéro d'acquisition GenBank:
BC032300

Identification du gène (NCBI):
493856

Nom complet:
CDGSH iron sulfur domain 2

MW calculé
135 aa, 15 kDa

MW observés:
13-15 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:10000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:20-1:200

Applications

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

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Drosophile, 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 : tissu rénal de souris, tissu cardiaque de souris, tissu cérébral de souris, tissu cérébral humain, tissu rénal de rat

IP : tissu cérébral de souris,

IHC : tissu de cancer du foie humain,

IF : cellules HepG2,

Informations générales

CISD2 gene encodes a 15 kDa CDGSH iron-sulfur domain-containing protein 2, which is also named Miner1 or NAF-1, this protein was reported on endoplasmic reticulum membrane or mitochondrion outer membrane. Defects in CISD2 are the cause of Wolfram syndrome type 2 (WFS2), a rare disorder characterized by juvenile-onset insulin-dependent diabetes mellitus with optic atrophy. CISD2 regulates autophagy program by interacting BCL2, contributing to antagonize BECN1-mediated cellular autophagy at the endoplasmic reticulum.

Publications notables

Autrice	Pubmed ID	Journal	Application
Luxin Liu	25134919	Med Oncol	WB, IHC
Bin Chen	26722601	Int J Clin Exp Pathol	WB,IHC
Simin Lu	25422446	Proc Natl Acad Sci U S A	WB

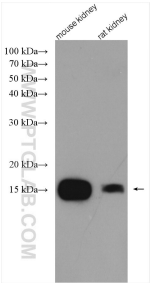
Stockage

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

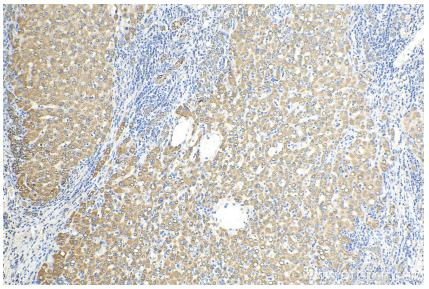
***** Les 20ul contiennent 0,1% de BSA.**

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

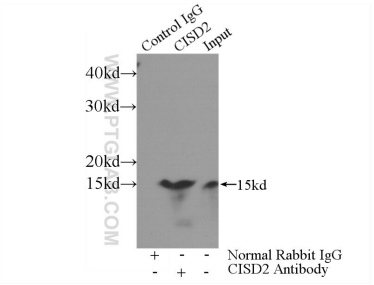
Données de validation sélectionnées



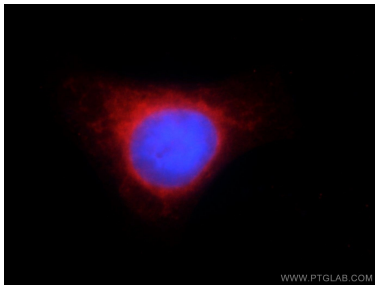
Various lysates were subjected to SDS PAGE followed by western blot with 13318-1-AP (CISD2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



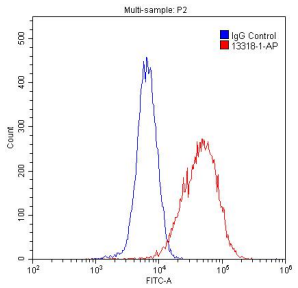
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13318-1-AP (CISD2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-CISD2 (IP:13318-1-AP, 3ug; Detection:13318-1-AP 1:700) with mouse brain tissue lysate 4000ug.



Immunofluorescent analysis of HepG2 cells using 13318-1-AP (CISD2 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.



1X10^6 HepG2 cells were stained with 0.2ug CISD2 antibody (13318-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.