

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Prohibitin



Numéro de catalogue: 10787-1-AP

Phare

20 Publications

Informations de base

Numéro de catalogue:
10787-1-AP

Taille:
150ul, Concentration: 500 µg/ml by
Nanodrop and 373 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1240

Numéro d'acquisition GenBank:
BC013401

Identification du gène (NCBI):
5245

Nom complet:
prohibitin

MW calculé
30 kDa

MW observés:
30 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:
IF, IHC, WB, ELISA

Demandes citées:
CoIP, IF, IHC, IP, 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 A431, cellules HeLa, cellules Jurkat, cellules NIH/3T3, cellules Raji, tissu cardiaque de rat, tissu cardiaque de souris, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain, tissu hépatique humain, tissu rénal de rat, tissu rénal de souris

IHC : tissu de cancer du foie humain, tissu cardiaque humain

IF : cellules HepG2,

Informations générales

Prohibitin, also known as PHB, a member of the Band-7 family of proteins, is widely distributed in bacteria, plants, yeast, protozoa and mammals and is important in cell proliferation, differentiation and apoptosis (PMID: 20840588). This protein localizes to the inner membrane of mitochondria, where it acts as a chaperone protein, and is also found in the nucleus, where it negatively regulates transcription (PMID: 18558096). Recent study confirmed that the expression and distribution of PHB, which is a nuclear matrix protein, affect the apoptosis of HaCaT cells and its co-localization with specific gene products connected with cell apoptosis (PMID: 24402549).

Publications notables

Autrice	Pubmed ID	Journal	Application
Huijing Yin	31501431	Cell Death Dis	WB
Chong-Chong Guo	26557149	Evid Based Complement Alternat Med	WB
Hao Liu	36245295	EMBO J	WB,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.

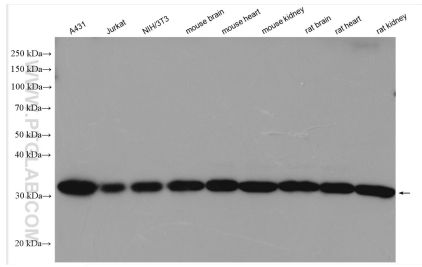
For technical support and original validation data for this product please contact:

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

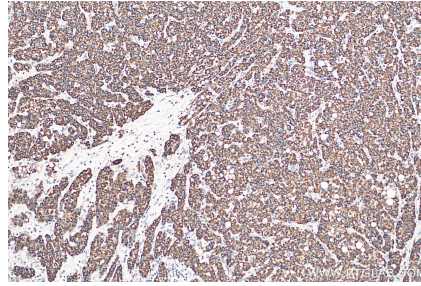
E: proteintech@ptglab.com
W: ptglab.com

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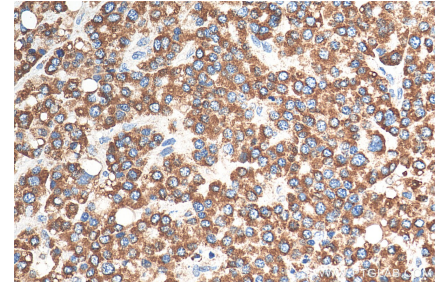
Données de validation sélectionnées



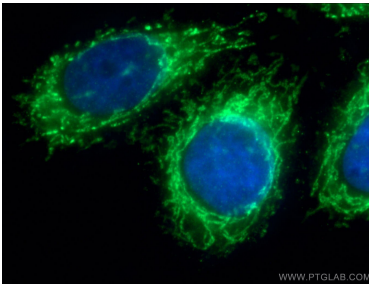
Various lysates were subjected to SDS PAGE followed by western blot with 10787-1-AP (Prohibitin antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10787-1-AP (Prohibitin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10787-1-AP (Prohibitin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10787-1-AP (Prohibitin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).