

À des fins de recherche uniquement

Anticorps Monoclonal anti-Prohibitin



Numéro de catalogue: 60092-1-Ig **2 Publications**

Informations de base

Numéro de catalogue: 60092-1-Ig	Numéro d'acquisition GenBank: BC013401	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 900 µg/ml by Nanodrop and 800 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5245	CloneNo.: 4D3G5
Hôte: Mouse	Nom complet: prohibitin	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500
Isotype: IgG1	MW calculé 30 kDa	
Immunogen Catalog Number: AG1240	MW observés: 30 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, porc, rat

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque humain, cellules HeLa, tissu cardiaque de porc, tissu cardiaque de rat, tissu placentaire humain

IHC : tissu hépatique humain, tissu cardiaque humain, tissu rénal humain

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
Yating Peng	35378837	Int J Chron Obstruct Pulmon Dis	WB
Li-Li Ma	29100316	Oncotarget	IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % 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.

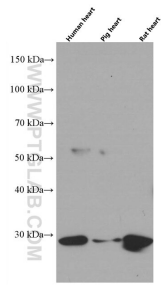
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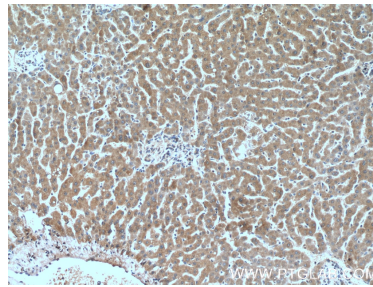
E: proteintech@ptglab.com
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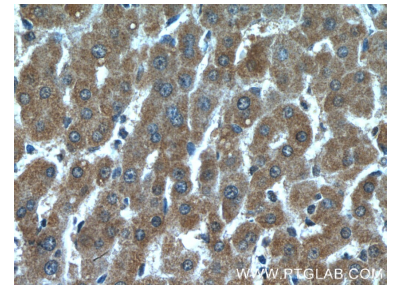
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 60092-1-Ig (Prohibitin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 60092-1-Ig (Prohibitin antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 60092-1-Ig (Prohibitin antibody) at dilution of 1:200 (under 40x lens).