À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PLOD3

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:11027-1-AP Phare 33 Publications

Informations de base

Numéro de catalogue:
11027-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 253 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1480

Numéro d'acquisition GenBank:
BC011674

Identification du gène (NCBI):
8985

Nom complet:
procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3

MW calculé
738 aa, 85 kDa

MW observés:
80-85 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:16000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:100-1:400
IF 1:10-1:100

Applications

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

Demandes citées:
IF, IHC, IP, 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 : cellules A549, cellules HeLa, cellules HepG2, cellules PC-3, tissu placentaire de souris, tissu placentaire humain

IP : cellules HepG2,

IHC : tissu de cancer du pancréas humain, tissu pancréatique humain

IF : cellules HepG2,

Informations générales

PLOD3, also named as LH3, forms hydroxylysine residues in -Xaa-Lys-Gly- sequences in collagens. These hydroxylysines serve as sites of attachment for carbohydrate units and are essential for the stability of the intermolecular collagen cross-links. The major function of PLOD3 in osteoblasts is to glucosylate galactosylhydroxylysine residues in type I collagen.

Publications notables

Autrice	Pubmed ID	Journal	Application
Randy T Cowling	28923350	J Mol Cell Cardiol	WB
Stephen A Watt	26380979	PLoS One	IF
Siming Gong	34576068	Int J Mol Sci	IHC

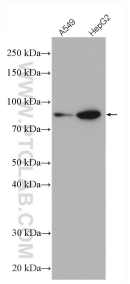
Stockage

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

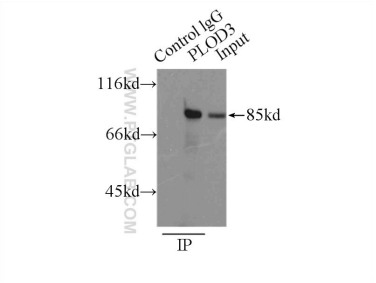
*** Les 20ul contiennent 0,1% de BSA.

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

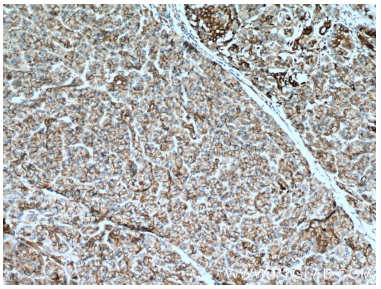
Données de validation sélectionnées



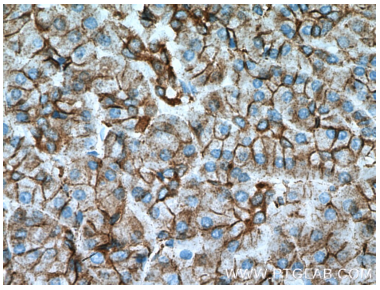
Various lysates were subjected to SDS PAGE followed by western blot with 11027-1-AP (PLOD3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



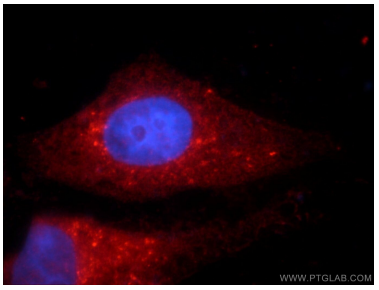
IP Result of anti-PLOD3 (IP:11027-1-AP, 3ug; Detection:11027-1-AP 1:500) with HepG2 cells lysate 6000ug.



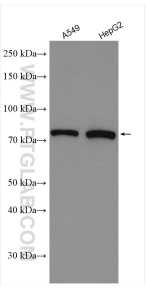
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11027-1-AP (PLOD3 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11027-1-AP (PLOD3 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 11027-1-AP (PLOD3 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



Various lysates were subjected to SDS PAGE followed by western blot with 11027-1-AP (PLOD3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.