

À des fins de recherche uniquement

Anticorps Monoclonal anti-PLOD3

Numéro de catalogue: 60058-1-Ig

Phare

3 Publications



Informations de base

Numéro de catalogue: 60058-1-Ig	Numéro d'acquisition GenBank: BC011674	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2700 µg/ml by Nanodrop and 1600 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 8985	CloneNo.: 2G12B8
Hôte: Mouse	Nom complet: procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3	Dilutions recommandées: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Isotype: IgG2a	MW calculé: 738 aa, 85 kDa	IHC 1:20-1:200
Immunogen Catalog Number: AG1480	MW observés: 80-85 kDa	IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

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: cellules A549, cellules 4T1, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules K-562, cellules LNCaP, cellules NIH/3T3, cellules PC-3, tissu placentaire humain

IP: cellules HeLa,

IHC: tissu de cancer du pancréas humain,

IF: cellules HeLa,

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
Neus Bota-Rabassedas	33543040	Matrix Biol Plus	WB
Stephen A Watt	26380979	PLoS One	WB
Xiaochao Tan	34874914	JCI Insight	WB

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.**

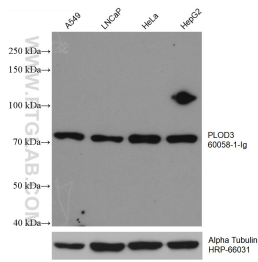
For technical support and original validation data for this product please contact:

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

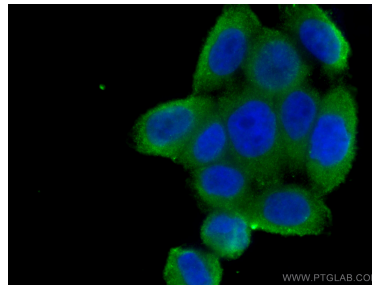
E: proteintech@ptglab.com
W: ptglab.com

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

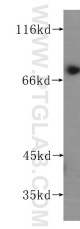
Données de validation sélectionnées



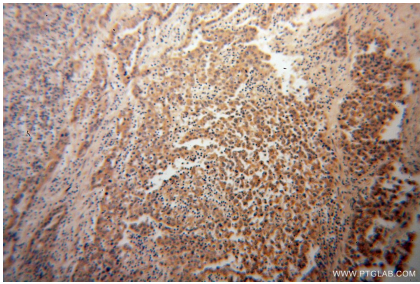
Various lysates were subjected to SDS PAGE followed by western blot with 60058-1-Ig (PLOD3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



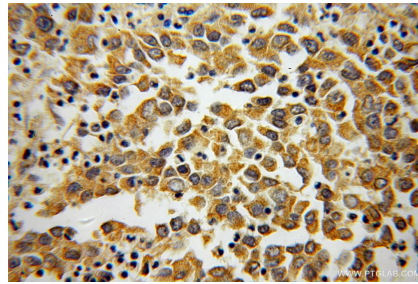
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 60058-1-Ig (PLOD3 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



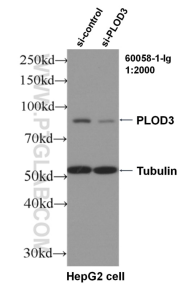
human placenta tissue were subjected to SDS PAGE followed by western blot with 60058-1-Ig (PLOD3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



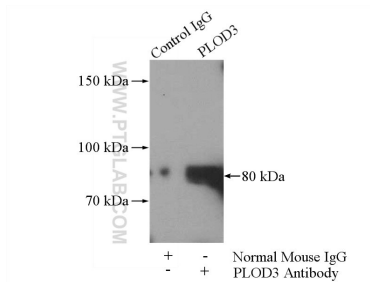
Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 60058-1-Ig (PLOD3 antibody) at dilution of 1:100 (under 10x lens).



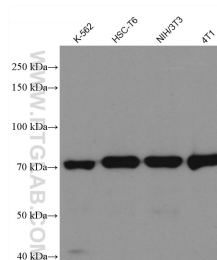
Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 60058-1-Ig (PLOD3 antibody) at dilution of 1:100 (under 40x lens).



WB result of PLOD3 antibody (60058-1-Ig, 1:2000) with si-Control and si-PLOD3 transfected HepG2 cells.



IP Result of anti-PLOD3 (IP:60058-1-Ig, 5ug; Detection:60058-1-Ig 1:500) with HeLa cells lysate 1400ug.



Various lysates were subjected to SDS PAGE followed by western blot with 60058-1-Ig (PLOD3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.