À des fins de recherche uniquement

Anticorps Monoclonal anti-PLOD2

Numéro de catalogue:66342-1-Ig Phare 2 Publications

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

Informations de base

Numéro de catalogue:
66342-1-Ig

Taille:
150ul , Concentration: 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgA

Immunogen Catalog Number:
AG5779

Numéro d'acquisition GenBank:
BC037169

Identification du gène (NCBI):
5352

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

MW calculé
758 aa, 85 kDa

MW observés:
87 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
1H9E1

Dilutions recommandées:
WB 1:1000-1:4000
IHC 1:200-1:1000

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

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 DU 145, cellules 4T1, cellules A431, cellules A549, cellules HEK293, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules NIH/3T3

IHC : tissu de cancer du foie humain,

Informations générales

PLOD2,also named as LH2, forms hydroxylysine residues in -Xaa-Lys-Gly- sequences in collagens. It is a potential novel prognostic factor for HCC patients following surgery. Among the PLOD genes, PLOD2 contributes to cancer prognosis and angiogenesis. Several authors have reported that PLOD2 expression might provide prognostic information about malignant tumours such as glioblastoma. PLOD2 expression is a useful biomarker for the effects of antiangiogenic treatment for malignancy.(PMID:22098155). It has 2 isoforms produced by alternative splicing and seven glycosylation sites.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yajuan Zhao	34557495	Front Cell Dev Biol	WB,IHC
Sofia Endzhievskaya	36774976	J Invest Dermatol	WB

Stockage

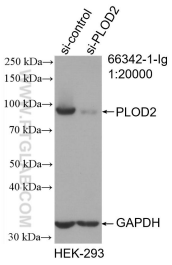
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

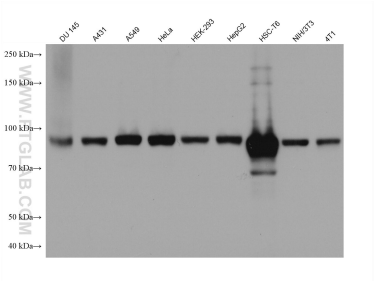
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

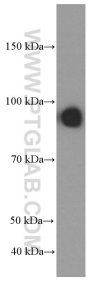
Données de validation sélectionnées



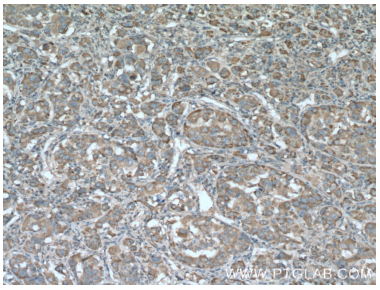
WB result of PLOD2 antibody (66342-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PLOD2 transfected HEK-293 cells.



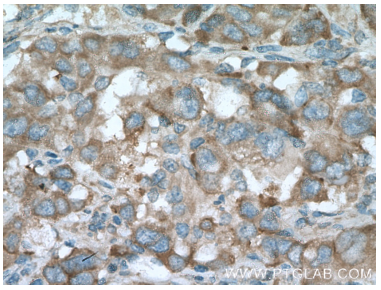
Various lysates were subjected to SDS PAGE followed by western blot with 66342-1-Ig (PLOD2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



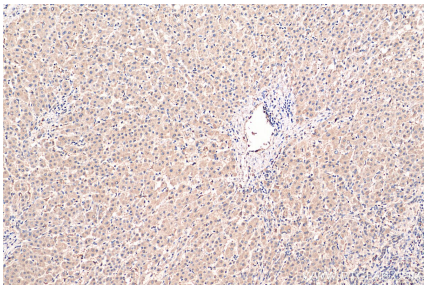
DU 145 cells were subjected to SDS PAGE followed by western blot with 66342-1-Ig (PLOD2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



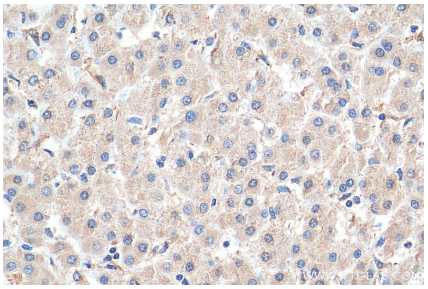
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66342-1-Ig (PLOD2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66342-1-Ig (PLOD2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66342-1-Ig (PLOD2 antibody) at dilution of 1:2000 (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 66342-1-Ig (PLOD2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).