

Nur für Forschungszwecke

PLOD2 Monoklonaler Antikörper

Katalog-Nr.:66342-1-Ig

Vorgestelltes Produkt

2 Publikationen



Allgemeine Informationen

Katalog-Nr.: 66342-1-Ig	GenBank-Zugangsnummer: BC037169	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5352	CloneNo.: 1H9E1
Wirt: Maus	Vollständiger Name: procollagen-lysine, 2-oxoglutarate 5- dioxygenase 2	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:200-1:1000
Isotyp: IgA	Berechnete Masse: 758 aa, 85 kDa	
Immunogen Katalognummer: AG5779	Beobachtete Masse: 87 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : DU 145-Zellen, 4T1-Zellen, A431-Zellen, A549-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, NIH/3T3-Zellen

IHC : humanes Leberkarzinomgewebe,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

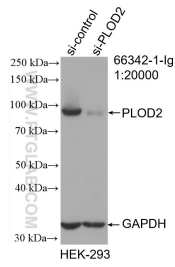
For technical support and original validation data for this product please contact:

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

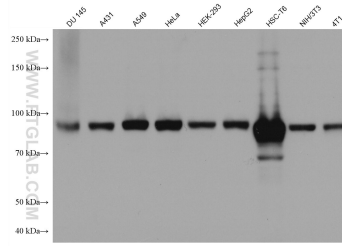
E: proteintech@ptglab.com
W: ptglab.com

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

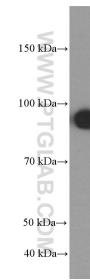
Ausgewählte Validierungsdaten



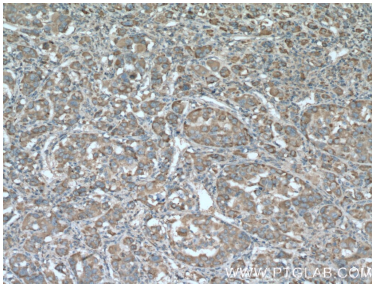
WB result of PLOD2 antibody (66342-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PLOD2 transfected HEK-293 cells.



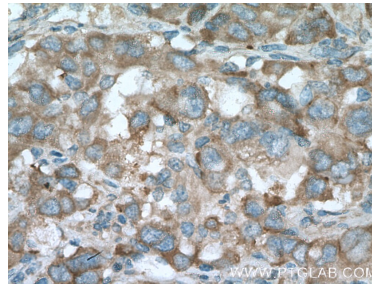
Various lysates were subjected to SDS PAGE followed by western blot with 66342-1-Ig (PLOD2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



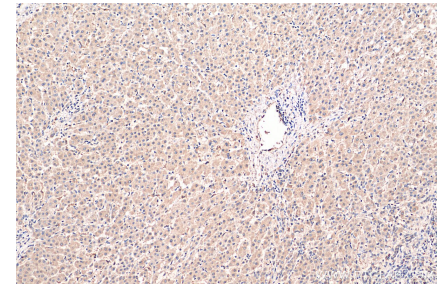
DU 145 cells were subjected to SDS PAGE followed by western blot with 66342-1-Ig (PLOD2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



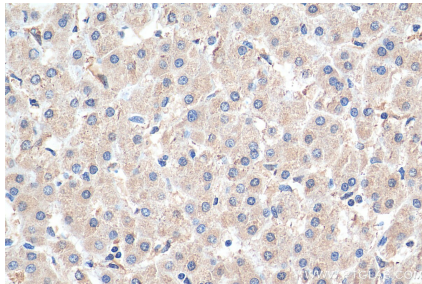
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66342-1-Ig (PLOD2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).