

For Research Use Only

PLOD2 Polyclonal antibody

Catalog Number: 13453-1-AP **1 Publications**



Basic Information

Catalog Number: 13453-1-AP	GenBank Accession Number: BC037169	Purification Method: Antigen affinity purification
Size: 130 µg/ml	GeneID (NCBI): 5352	
Source: Rabbit	UNIPROT ID: O00469	
Isotype: IgG	Full Name: procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2	
Immunogen Catalog Number: AG4300	Calculated MW: 758 aa, 85 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
mouse, rat

Background Information

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Randy T Cowling	28923350	J Mol Cell Cardiol	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data