

For Research Use Only

ANGPTL3 Polyclonal antibody

Catalog Number: 11964-1-AP **2 Publications**



Basic Information

Catalog Number: 11964-1-AP	GenBank Accession Number: BC058287	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27329	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y5C1	
Isotype: IgG	Full Name: angiopoietin-like 3	
Immunogen Catalog Number: AG2573	Calculated MW: 460 aa, 54 kDa	
	Observed MW: 54 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : A375 cells, mouse liver tissue IHC : human liver tissue,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

ANGPTL3 belongs to the angiopoietin-like protein family. ANGPTL3 is mainly synthesized by liver cells and is notably expressed in kidney podocytes. Accumulating evidences have revealed that ANGPTL3 plays a critical role in both biological processes, such as lipid metabolism, angiogenesis and haematopoietic function and pathological changes, including atherosclerosis, carcinogenesis, nephrotic syndrome, diabetes, liver diseases and so on. Thus, ANGPTL3 may serve as a potential biomarker in these diseases.

Notable Publications

Author	Pubmed ID	Journal	Application
Yongdong Yi	37290894	Cancer Sci	WB
Na Wang	30128492	Invest Ophthalmol Vis Sci	WB

Storage

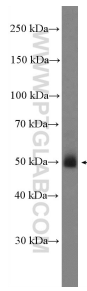
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

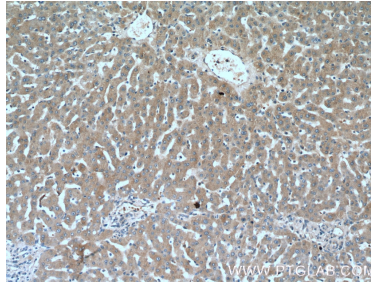
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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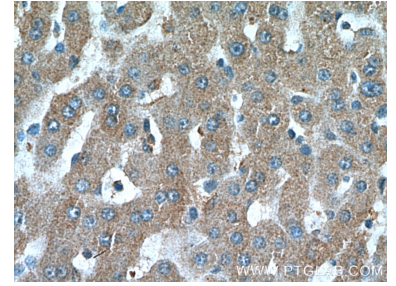
Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 11964-1-AP (ANGPTL3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11964-1-AP (ANGPTL3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11964-1-AP (ANGPTL3 Antibody) at dilution of 1:200 (under 40x lens).