

For Research Use Only

DGAT1 Polyclonal antibody

Catalog Number: 11561-1-AP **12 Publications**



Basic Information

Catalog Number: 11561-1-AP	GenBank Accession Number: BC015762	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 8694	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	Full Name: diacylglycerol O-acyltransferase homolog 1 (mouse)	
Isotype: IgG	Calculated MW: 488 aa, 55 kDa	
Immunogen Catalog Number: AG2123	Observed MW: 50-57 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB: Caco-2 cells, HeLa cells, HepG2 cells, PC-3 cells, THP-1 cells
Species Specificity: human, mouse, rat	IHC: human hepatocirrhosis tissue,
Cited Species: human, rat, mouse	

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

Notable Publications

Author	Pubmed ID	Journal	Application
Yu Sun	34562065	J Cell Mol Med	WB
Fangjun Yu	34493722	Nat Commun	WB,IF
Jianqing Zhao	34757839	J Virol	WB,IF

Storage

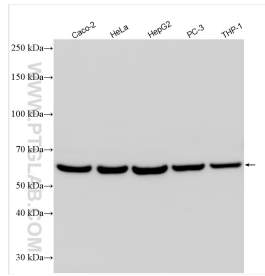
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

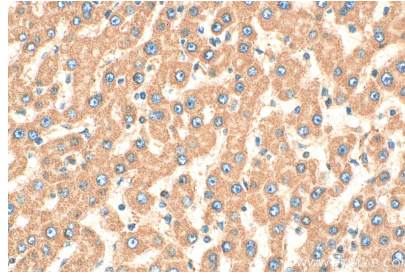
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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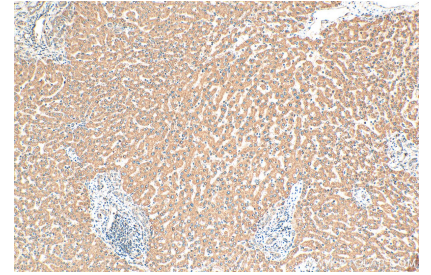
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11561-1-AP (DGAT1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 11561-1-AP (DGAT1 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 hepatocirrhosis tissue slide using 11561-1-AP (DGAT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).