

For Research Use Only

APOM Polyclonal antibody

Catalog Number: 12817-1-AP **1 Publications**



Basic Information

Catalog Number: 12817-1-AP	GenBank Accession Number: BC020683	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 187 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55937	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: apolipoprotein M	
Isotype: IgG	Calculated MW: 21 kDa	
Immunogen Catalog Number: AG3137	Observed MW: 21-25 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HepG2 cells, human plasma IHC : human liver tissue, human hepatocirrhosis tissue IF : HepG2 cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human	
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

APOM (Apolipoprotein M) is a member of the lipocalin superfamily and is predominantly associated with high-density lipoprotein (HDL). APOM is synthesized in the kidneys, liver, and to a minor extent also by adipocytes. In the circulation, APOM binds primarily to high-density lipoproteins (HDL) but can also be associated with other lipoproteins, such as low-density lipoproteins (LDL), very-low-density lipoproteins (VLDL), and chylomicrons (PMID: 34482091).

Notable Publications

Author	Pubmed ID	Journal	Application
Yan-Wei Hu	26201458	Apoptosis	WB

Storage

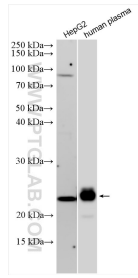
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

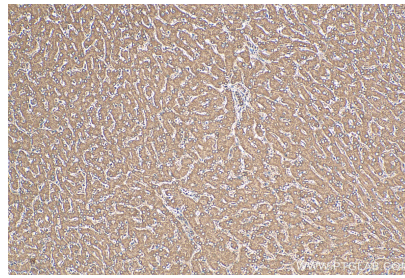
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

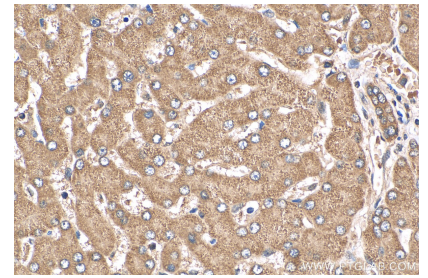
Selected Validation Data



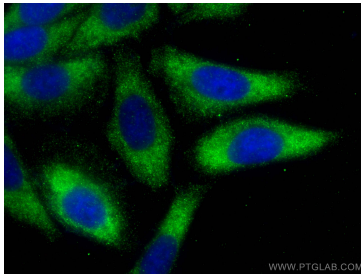
Various lysates were subjected to SDS PAGE followed by western blot with 12817-1-AP (APOM antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 12817-1-AP (APOM 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 tissue slide using 12817-1-AP (APOM antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using APOM antibody (12817-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).