

APOM Polyclonal antibody

Catalog Number: 12817-1-AP

1 Publications

Basic Information

Catalog Number:

12817-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3137

GenBank Accession Number:

BC020683

GeneID (NCBI):

55937

UNIPROT ID:

O95445

Full Name:

apolipoprotein M

Calculated MW:

21 kDa

Observed MW:

21-25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

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

Positive Controls:

WB : HepG2 cells, human plasma

IHC : human liver tissue, human hepatocirrhosis tissue

IF : HepG2 cells,

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

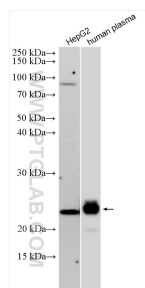
For technical support and original validation data for this product please contact:

T: 4006900926

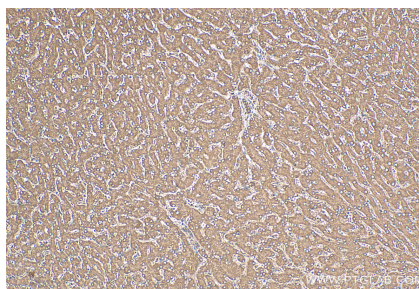
E: Proteintech-CN@ptglab.comW: ptgcn.com

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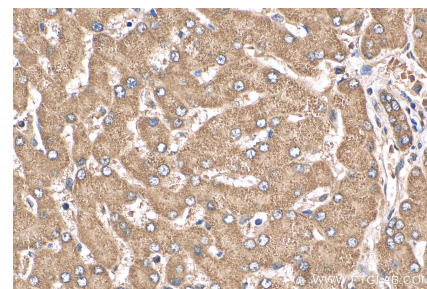
Selected Validation Data



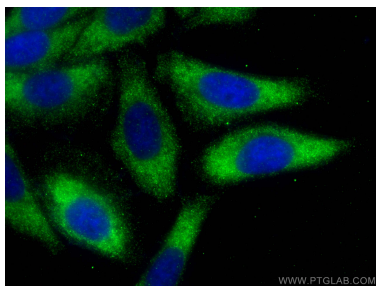
Various lysates were subjected to SDS PAGE followed by western blot with 12817-1-AP (APOM antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).