

Apolipoprotein H Monoclonal ANTIBODY

Catalog Number: 66074-1-Ig

2 Publications

Basic Information

Catalog Number:
66074-1-Ig

Size:
117 µg/150 µl

Source:
Mouse

Isotype:
IgG1

Purification Method:
Protein G purification

Immunogen Catalog Number:
AG17915

GenBank Accession Number:
BC026283

GeneID (NCBI):
350

Full Name:
apolipoprotein H (beta-2-glycoprotein I)

Calculated MW:
345aa, 38 kDa

Observed MW:
50-53 kDa

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:100-1:800

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:
human, mouse, rat, pig

Cited Species:
human

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : pig heart, rat heart, rat brain, mouse brain; pig plasma tissue, human plasma tissue, human heart tissue, human testis tissue

IHC : human liver cancer tissue; human colon cancer tissue, human liver tissue

Background Information

Apolipoprotein H (ApoH), also known as beta2-glycoprotein I (B2-GPI), is a plasma glycoprotein, primarily synthesized in the liver. It has an important function in blood coagulation and clearance of apoptotic bodies from the circulation. ApoH is also an important actor of host innate immune response through its capacity to bind with high affinity to a large panel of pathogens or their proteins.

Notable Publications

Author	Pubmed ID	Journal	Application
Liang Tang	25081279	J Thromb Haemost	WB
Xiao-Ping Zhang	30074200	Curr Med 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

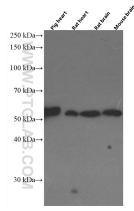
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

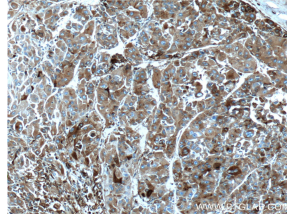
E: proteintech@ptglab.com
W: ptglab.com

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

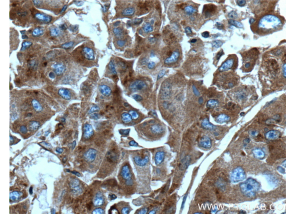
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66074-1-Ig (Apolipoprotein H antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 66074-1-Ig (Apolipoprotein H antibody) at dilution of 1:400 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH9).



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 66074-1-Ig (Apolipoprotein H antibody) at dilution of 1:400 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH9).