

Serpin C1/Antithrombin III Polyclonal antibody

Catalog Number: 16414-1-AP

1 Publications

Basic Information

Catalog Number:

16414-1-AP

Size:

240 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9565

GenBank Accession Number:

BC022309

GeneID (NCBI):

462

UNIPROT ID:

P01008

Full Name:

serpin peptidase inhibitor, clade C (antithrombin), member 1

Calculated MW:

464 aa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

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 : human blood tissue,

IHC : human liver tissue,

IF/ICC : HepG2 cells,

Background Information

SERPINC1, also named Antithrombin III or Antithrombin, is a plasma protease inhibitor and a member of the serpin superfamily. This protein inhibits thrombin as well as other activated serine proteases of the coagulation system, and it regulates the blood coagulation cascade. More than 120 mutations have been identified for this gene, many of which are known to cause antithrombin-III deficiency.

Notable Publications

Author	Pubmed ID	Journal	Application
Takahiro Tougan	29567995	Sci Rep	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

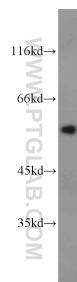
For technical support and original validation data for this product please contact:

T: 4006900926

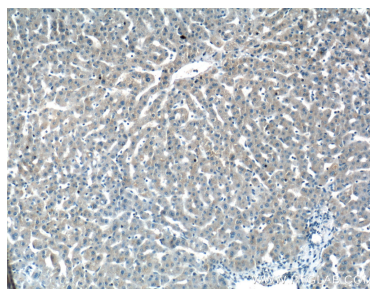
E: Proteintech-CN@ptglab.comW: ptgcn.com

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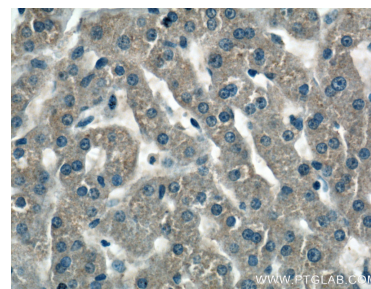
Selected Validation Data



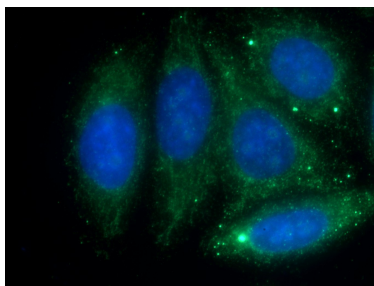
human blood were subjected to SDS PAGE followed by western blot with 16414-1-AP (Antithrombin III antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16414-1-AP (Antithrombin III antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16414-1-AP (Antithrombin III antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 16414-1-AP (Antithrombin III antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).