

For Research Use Only

SAA Polyclonal antibody

Catalog Number: 16721-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

16721-1-AP

Size:

150ul, Concentration: 260 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10160

GenBank Accession Number:

BC105796

GeneID (NCBI):

6288

UNIPROT ID:

PODJ18

Full Name:

serum amyloid A1

Calculated MW:

122 aa, 14 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC

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:

IHC : human liver cancer tissue, human liver tissue, human small intestine tissue

Background Information

Serum amyloid A1(SAA1) is a member of the serum amyloid A family of apolipoproteins. SAA1 is an acute phase apolipoprotein reactant produced mainly by hepatocytes and under regulation of inflammatory cytokines. Reactive, secondary amyloidosis is characterized by the extracellular accumulation in various tissues of the SAA1 protein. Elevated serum SAA1 protein levels may be associated with lung cancer(PMID: 1463770). This antibody can recognize SAA1 and SAA2.

Notable Publications

Author	Pubmed ID	Journal	Application
Han Wang	31906950	J Transl Med	IHC
Ching-Yu Lin	29603594	Mol Oncol	WB,IHC

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

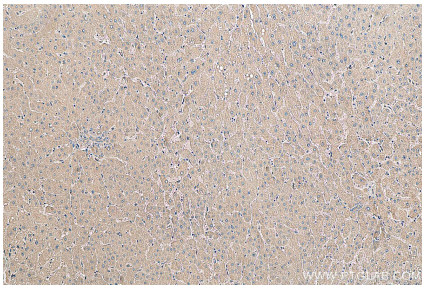
For technical support and original validation data for this product please contact:

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

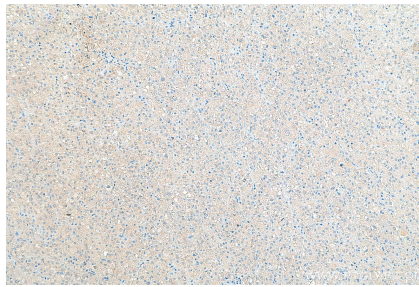
E: proteintech@ptglab.com
W: ptglab.com

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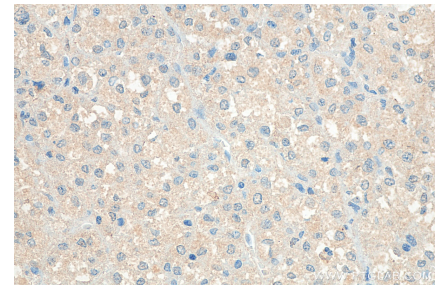
Selected Validation Data



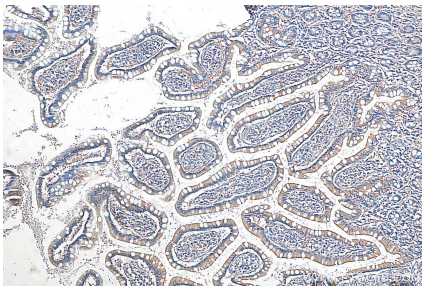
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16721-1-AP (SAA1 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16721-1-AP (SAA1 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16721-1-AP (SAA1 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 16721-1-AP (SAA1 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).