

For Research Use Only

SAA Polyclonal antibody

Catalog Number: 13192-1-AP

5 Publications



Basic Information

Catalog Number:

13192-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3869

GenBank Accession Number:

BC020795

GeneID (NCBI):

6289

UNIPROT ID:

PODJ19

Full Name:

serum amyloid A2

Calculated MW:

122 aa, 14 kDa

Observed MW:

12-13 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

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 : serum from mouse injected with bacteria tissue,

IHC : mouse liver tissue,

IF/ICC : A549 cells,

Background Information

Human SAA proteins are a group of apolipoproteins mainly found in the high density lipoprotein (HDL) portion of plasma. The serum amyloid A (SAA) protein is an acute phase apolipoprotein reactant produced mainly by hepatocytes and under the regulation of inflammatory cytokines (PMID: 12011456). Reactive, secondary amyloidosis is characterized by the extracellular accumulation in various tissues of the SAA2 protein (PMID: 1463770). This antibody can recognize SAA1 and SAA2.

Notable Publications

Author	Pubmed ID	Journal	Application
Tadeja Kuret	31011929	Inflammation	WB,IF
Fangting Wu	39888411	J Crohns Colitis	IHC
Sade W Clayton	39149307	bioRxiv	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

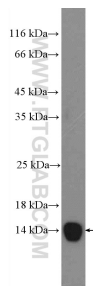
For technical support and original validation data for this product please contact:

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

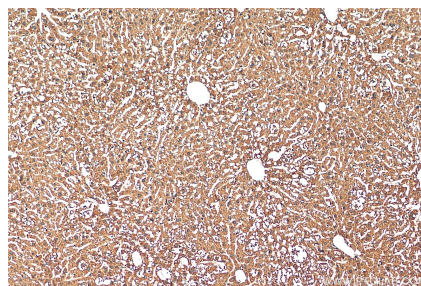
E: proteintech@ptglab.com
W: ptglab.com

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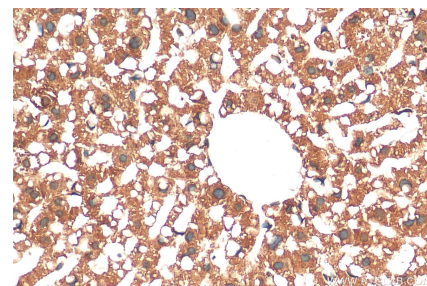
Selected Validation Data



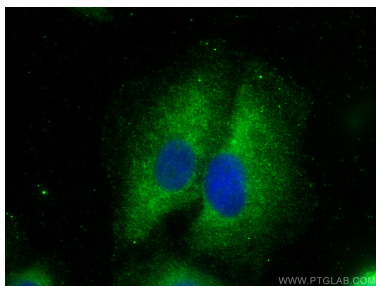
serum from mouse injected with bacteria were subjected to SDS PAGE followed by western blot with 13192-1-AP (SAA2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 13192-1-AP (SAA 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 mouse liver tissue slide using 13192-1-AP (SAA 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 Methanol) fixed A549 cells using SAA antibody (13192-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).