

For Research Use Only

SAA Polyclonal antibody

Catalog Number: 13192-1-AP

4 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:

P0DJ19

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

Positive Controls:

WB : serum from mouse injected with bacteria tissue,

IHC : mouse liver tissue,

IF/ICC : A549 cells,

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

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
Sade W Clayton	39149307	bioRxiv	IF
Wu-Fu Chen	38939621	Oncol Lett	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**

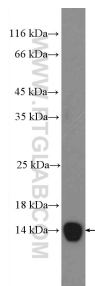
For technical support and original validation data for this product please contact:

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

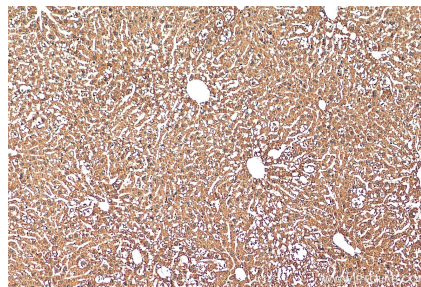
E: proteintech@ptglab.com
W: ptglab.com

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

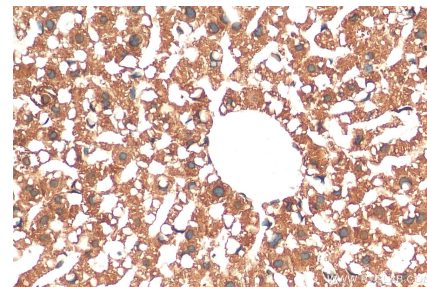
Selected Validation Data



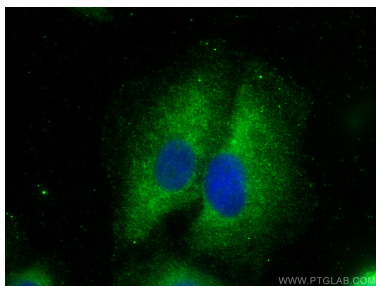
serum from mouse injected with bacteria were subjected to SDS PAGE followed by western blot with 13192-1-AP (SAA2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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).