

For Research Use Only

SAA2 Polyclonal antibody

Catalog Number: 13192-1-AP **4 Publications**



Basic Information

Catalog Number: 13192-1-AP	GenBank Accession Number: BC020795	Purification Method: Antigen affinity purification
Size: 500 ug/ml	GeneID (NCBI): 6289	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: PODJ19	
Isotype: IgG	Full Name: serum amyloid A2	
Immunogen Catalog Number: AG3869	Calculated MW: 122 aa, 14 kDa	
	Observed MW: 12-13 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : serum from mouse injected with bacteria tissue, IHC : mouse liver tissue, IF/ICC : A549 cells,
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	

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

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

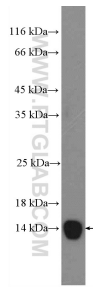
T: 4006900926

E: Proteintech-CN@ptglab.com

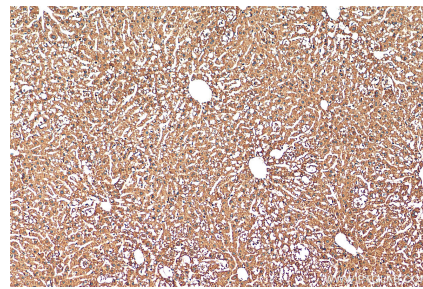
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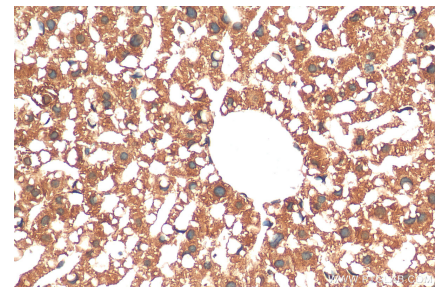
Selected Validation Data



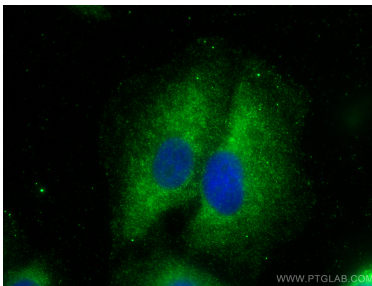
serum from mouse injected with bacteria were subjected to SDS PAGE followed by western blot with 13192-1-AP (SAA2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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).