

For Research Use Only

# Serum amyloid P component Polyclonal antibody

Catalog Number: 31813-1-AP



## Basic Information

Catalog Number:

31813-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC007058

GeneID (NCBI):

325

UNIPROT ID:

P02743

Full Name:

amyloid P component, serum

Calculated MW:

223 aa, 25 kDa

Observed MW:

27-29 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:5000-1:50000

IF-P 1:200-1:800

## Applications

Tested Applications:

WB, IF-P, ELISA

Species Specificity:

human

Positive Controls:

WB : human plasma,

IF-P : mouse liver tissue,

## Background Information

Serum amyloid P component (SAP), a member of the pentraxin family, is a constitutive serum protein that is synthesized by hepatocytes. It is an acute phase protein, structurally related to C-reactive protein. SAP is a calcium-dependent ligand-binding protein, which can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

## 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:

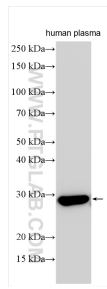
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

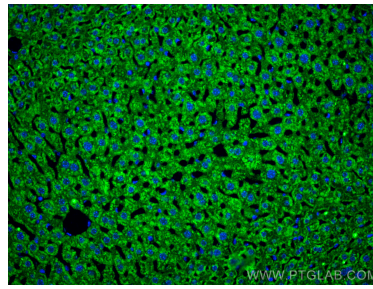
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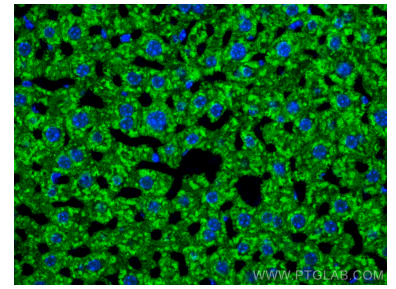
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31813-1-AP (Serum amyloid P component antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse liver tissue using Serum amyloid P component antibody (31813-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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