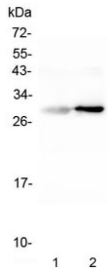
Serum Amyloid P Antibody (R31453)

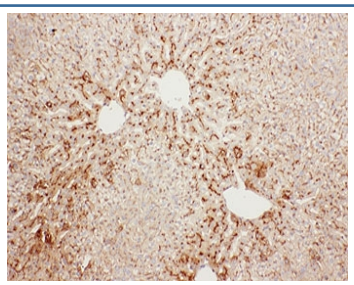
Catalog No.	Formulation	Size
R31453	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	29339
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This Serum Amyloid P antibody is available for research use only.



Western blot testing of 1) rat liver and 2) mouse liver tissue with Serum Amyloid P antibody. Predicted molecular weight ~25 kDa.



IHC-P: Serum Amyloid P antibody testing of rat liver tissue. HIER: steamed with pH6 citrate buffer.

Description

Serum Amyloid P (SAP), also known as PTX2 or APCS, is the identical serum form of amyloid P component (AP), a 25kDa pentameric protein first identified as the pentagonal constituent of in vivo pathological deposits called amyloid. The binding of Serum Amyloid P to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin.

For our primary APCS resource and a Protein Microarray Validated monoclonal reagent, see our Serum Amyloid P Antibody APCS/3240 / APCS Antibody page.

Application Notes

Titration of the Serum Amyloid P antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Rat partial recombinant protein (AA 21-228) was used as the immunogen for this Serum Amyloid P antibody.

Storage

The lyophilized Serum Amyloid P antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freeze/thaws.

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