For Research Use Only

Serum amyloid P component Recombinant monoclonal antibody

Catalog Number:84402-1-RR

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Basic Information

Catalog Number:
84402-1-RR

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0528

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:
Protein A purification

CloneNo.:
241403F5

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : human plasma,

Background Information

Serum amyloid P component (SAP; also termed P-SAP or APCS), 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, 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
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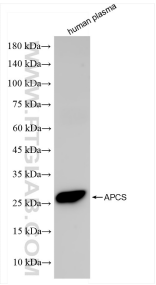
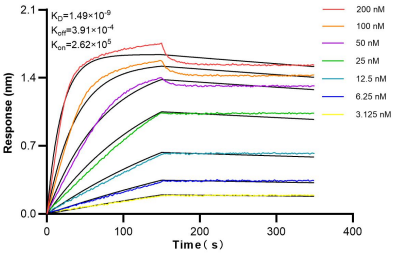
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human plasma was subjected to SDS PAGE followed by western blot with 84402-1-RR (Serum amyloid P component antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84402-1-RR against Human Serum amyloid P component were performed. The affinity constant is 1.49 nM.