

Product datasheet

Anti-Serum Amyloid P/SAP antibody ab233265

[8 Images](#)

Overview

Product name	Anti-Serum Amyloid P/SAP antibody
Description	Rabbit polyclonal to Serum Amyloid P/SAP
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human Serum Amyloid P/SAP aa 1 to the C-terminus. N-terminal His-tag and GST-tag; Expressed in E.coli. Database link: P02743

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control	WB: Human serum; Human urine; Recombinant human Serum Amyloid P/SAP protein. IHC-P: Human liver, glioma, kidney, stomach cancer, liver cancer and lung cancer tissue.
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General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
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Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233265 in the following tested applications.

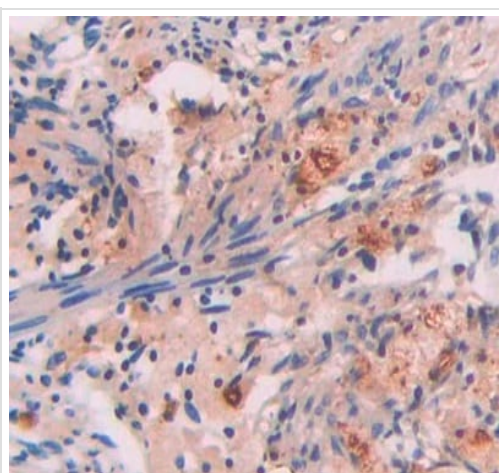
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 25 kDa.
IHC-P		Use a concentration of 0.5 - 2 µg/ml.

Target

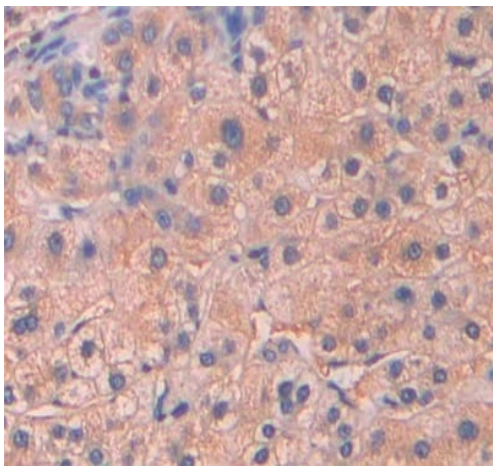
Function	Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. May also function as a calcium-dependent lectin.
Tissue specificity	Found in serum and urine.
Involvement in disease	Note=SAP is a precursor of amyloid component P which is found in basement membrane and associated with amyloid deposits.
Sequence similarities	Belongs to the pentaxin family. Contains 1 pentaxin domain.
Post-translational modifications	N-glycosylated with a complex biantennary oligosaccharide chain with a sialic acid at the end (disialo-SAP). Monosialo-SAP as well as asialo-SAP are also detected (PubMed:15174148).
Cellular localization	Secreted.

Images



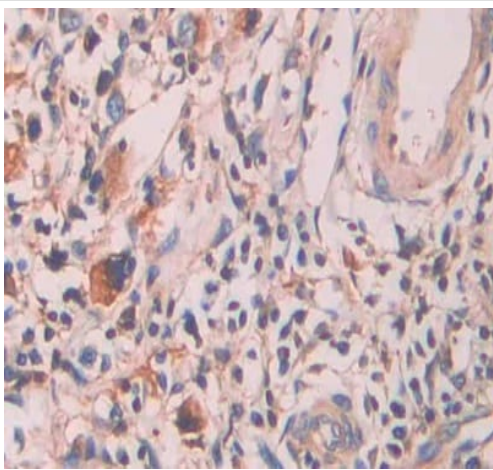
Formalin-fixed, paraffin-embedded human lung cancer tissue stained for Serum Amyloid P/SAP using ab233265 at 30 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Serum Amyloid P/SAP antibody (ab233265)



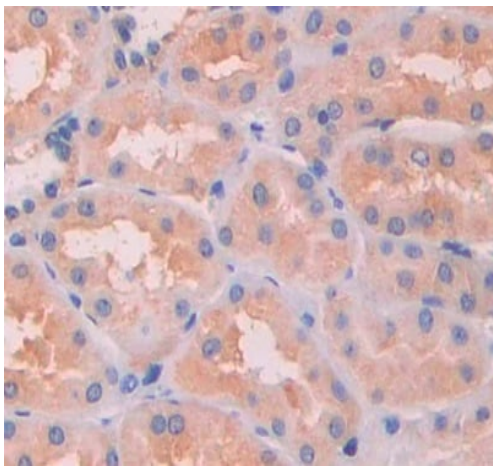
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Serum Amyloid P/SAP antibody (ab233265)

Formalin-fixed, paraffin-embedded human liver cancer tissue stained for Serum Amyloid P/SAP using ab233265 at 30 ug/ml in immunohistochemical analysis. DAB staining.



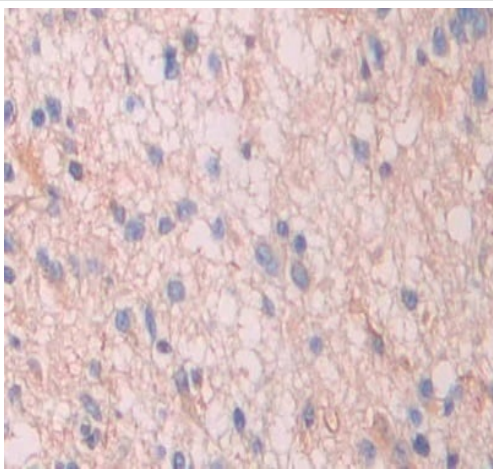
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Serum Amyloid P/SAP antibody (ab233265)

Formalin-fixed, paraffin-embedded human stomach cancer tissue stained for Serum Amyloid P/SAP using ab233265 at 30 ug/ml in immunohistochemical analysis. DAB staining.



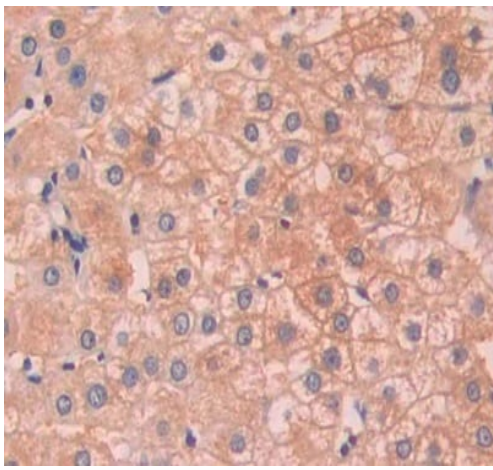
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Serum Amyloid P/SAP antibody (ab233265)

Formalin-fixed, paraffin-embedded human kidney tissue stained for Serum Amyloid P/SAP using ab233265 at 30 ug/ml in immunohistochemical analysis. DAB staining.



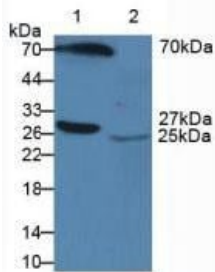
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Serum Amyloid P/SAP antibody (ab233265)

Formalin-fixed, paraffin-embedded human glioma tissue stained for Serum Amyloid P/SAP using ab233265 at 30 ug/ml in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Serum Amyloid P/SAP antibody (ab233265)

Formalin-fixed, paraffin-embedded human liver tissue stained for Serum Amyloid P/SAP using ab233265 at 30 µg/ml in immunohistochemical analysis. DAB staining.



Western blot - Anti-Serum Amyloid P/SAP antibody (ab233265)

All lanes : Anti-Serum Amyloid P/SAP antibody (ab233265) at 2 µg/ml

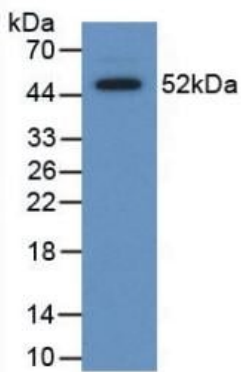
Lane 1 : Human serum

Lane 2 : Human urine

Secondary

All lanes : HRP-Linked Guinea pig anti-rabbit at 1/2000 dilution

Predicted band size: 25 kDa



Western blot - Anti-Serum Amyloid P/SAP antibody (ab233265)

Anti-Serum Amyloid P/SAP antibody (ab233265) at 2 µg/ml + Recombinant human Serum Amyloid P/SAP protein

Predicted band size: 25 kDa

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