

Anti-Serum Amyloid A antibody [115] ab687

★★★★★ [6 Abreviews](#) [8 References](#) [2 Images](#)

Overview

Product name	Anti-Serum Amyloid A antibody [115]
Description	Mouse monoclonal [115] to Serum Amyloid A
Host species	Mouse
Tested applications	Suitable for: WB, Sandwich ELISA
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Serum Amyloid A. Highly purified recombinant human serum amyloid A (MW: 12 kDa).
General notes	<p>This product was changed from ascites to tissue culture supernatant on 6th March 2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Constituent: PBS
Purification notes	Affinity purified from tissue culture supernatant.
Clonality	Monoclonal
Clone number	115
Myeloma	unknown
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab687 in the following tested applications.

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

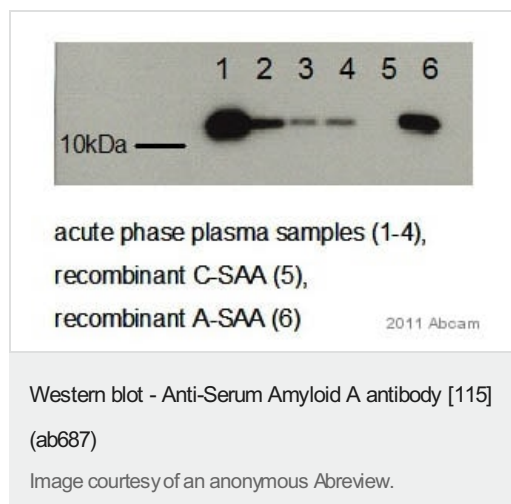
Application	Abreviews	Notes
WB	★★★★★ (4)	Use at an assay dependent concentration. Use at an assay dependent dilution. This antibody, at a concentration of 0.1-0.5 µg/ml, will allow visualisation of 100 ng/lane of recombinant human SAA.
Sandwich ELISA		Use at an assay dependent concentration. sELISA compatible pair - ab18711 .

Target

Relevance

Function: Major acute phase reactant. Apolipoprotein of the HDL complex. Tissue specificity: Expressed by the liver; secreted in plasma. Disease: Note=Reactive, secondary amyloidosis is characterized by the extracellular accumulation in various tissues of the SAA protein. These deposits are highly insoluble and resistant to proteolysis; they disrupt tissue structure and compromise function. Note=Elevated serum SAA protein levels may be associated with lung cancer. Similarity: Belongs to the SAA family. PTM: This protein is the precursor of amyloid protein A, which is formed by the removal of approximately 24 residues from the C-terminal end.

Images



All lanes : Anti-Serum Amyloid A antibody [115] (ab687) at 1/4000 dilution

Lanes 1-4 : Acute phase plasma samples

Lane 5 : Recombinant C-SAA

Lane 6 : Recombinant A-SAA

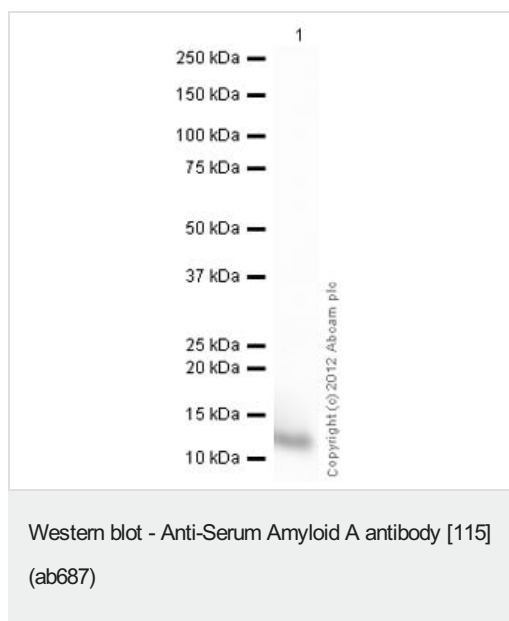
Lysates/proteins at 14 µg per lane.

Secondary

All lanes : Goat anti-mouse IgG-HRP at 1/10000 dilution

Developed using the ECL technique.

Exposure time: 5 seconds



Anti-Serum Amyloid A antibody [115] (ab687) at 0.5 µg/ml +
Recombinant human Serum Amyloid A (mutated D60N + H71R)
protein ([ab50232](#)) at 0.01 µg

Secondary

Goat Anti-Mouse IgG H&L (HRP) preadsorbed ([ab97040](#)) at
1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 1 minute

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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