

Datasheet: AHP1337

Description:	RABBIT ANTI BOVINE ALBUMIN
Specificity:	ALBUMIN
Other names:	BSA
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/1000 - 1/5000
Immunohistology - Paraffin			▪	
ELISA	▪			1/20000 - 1/100000
Immunoprecipitation			▪	
Western Blotting	▪			1/1000 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Bovine
Product Form	Serum - liquid
Antiserum Preparation	Antisera to bovine albumin were raised by repeated immunisations of rabbits with highly purified antigen.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Immunogen	Bovine albumin

**External Database
Links**

UniProt:

[P02769](#) [Related reagents](#)

Entrez Gene:

[280717](#) ALB [Related reagents](#)

RRID AB_2273901

Specificity

Rabbit anti Bovine albumin antibody recognises bovine albumin (BSA), a soluble protein which constitutes approximately one half of blood serum protein. BSA functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume.

BSA is synthesized in the liver as prealbumin, which has an N-terminal peptide removed before it is released by the rough endoplasmic reticulum as proalbumin. In turn, proalbumin is cleaved in the Golgi vesicles to produce albumin, which is secreted into the blood stream.

BSA is used as a nutrient in cell cultures, as an enzyme stabilizer during DNA digestion, and as a diluent or blocking agent in immunohistochemistry and ELISAs.

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To
find a

batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M389136:210806'

Printed on 21 Mar 2022

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