Datasheet: AHP1337

Description: RABBIT ANTI BOVINE ALBUMIN

Specificity: ALBUMIN

Other names: BSA

Format: Serum

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 1 ml

RRID
Abbreviation: AB_2273901

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td>⚫</td>
<td></td>
<td></td>
<td>1/1000 - 1/5000</td>
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<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
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<tr>
<td>ELISA</td>
<td>⚫</td>
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<td></td>
<td>1/20000 - 1/100000</td>
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<tr>
<td>Immunoprecipitation</td>
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<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td>⚫</td>
<td></td>
<td></td>
<td>1/2000 - 1/10000</td>
</tr>
</tbody>
</table>

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
0.01% Sodium Azide (NaN₃)

Immunogen
Bovine albumin

External Database Links
UniProt:
P02769
Related reagents
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 preproalbumin, 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
Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
18 months from date of despatch.

Health And Safety
Material Safety Datasheet documentation #10040 available at:

Regulatory
For research purposes only

Recommended Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) FITC
Goat Anti Rabbit IgG (H/L) (STAR124...) HRP
Goat Anti Rabbit IgG (Fc) (STAR121...) Biotin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...) RPE
Sheep Anti Rabbit IgG (STAR36...) DyLight®488, DyLight®549, DyLight®649,
DyLight®680, DyLight®800
Sheep Anti Rabbit IgG (2AB02...) Biotin

Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

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