

## Anti-BOVINE ALBUMIN (RABBIT) Antibody (BSA) - 101-4133

**Code:** 101-4133

**Size:** 2 mL

**Product Description:** Anti-BOVINE ALBUMIN (RABBIT) Antibody (BSA) - 101-4133

**Concentration:** 85 mg/mL by Refractometry

**PhysicalState:** Lyophilized

<b>Label</b>	Unconjugated
<b>Host</b>	Rabbit
<b>Species Reactivity</b>	bovine
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	2.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Synonyms</b>	Rabbit Anti-Bovine Serum Albumin Antibody, Rabbit Anti-BSA, ALB antibody, Albumin antibody, Allergen Bos d 6 antibody, BSA antibody
<b>Application Note</b>	Anti-Albumin antibody is suitable for western blotting, IHC and ELISA. The antibody may be suitable for other applications, although no supporting data is available.
<b>Background</b>	Anti-Bovine Serum Albumin antibody detects BSA. Serum albumin is the main protein of plasma. It has a good binding capacity for water, Ca <sup>2+</sup> , Na <sup>+</sup> , K <sup>+</sup> , fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. ALB is the major zinc transporter in plasma; it typically binds about 80% of all plasma zinc. BSA antibody is ideal for investigators involved in Cell Signaling, Neuroscience and Signal Transduction research.
<b>Purity And Specificity</b>	Bovine Serum Albumin antibody is supplied in the form of monospecific antiserum prepared by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Albumin [Bovine Serum]. Cross reactivity against Albumin from other tissues and species may occur but have not been specifically determined.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:20,000 - 1:100,000
<b>Western Blot</b>	1:2,000 - 1:10,000
<b>Immunohistochemistry</b>	1:1,000 - 1:5,000
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Anti-Bovine Serum Albumin antibody was produced by repeated immunizations with Bovine Serum Albumin.

**Related Products**

001-0133	BOVINE ALBUMIN - 001-0133
001-0333	BOVINE ALBUMIN Peroxidase conjugated - 001-0333
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302

**Related Links**

NCBI - CAA76847.1

<http://www.ncbi.nlm.nih.gov/protein/CAA76847.1>

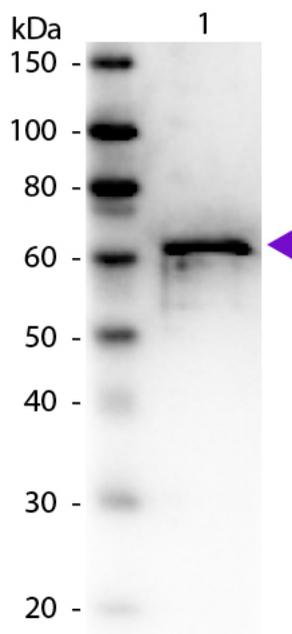
UniProtKB - P02769

<http://www.uniprot.org/uniprot/P02769>

GeneID - 280717

## Images

1 Western Blot of Rabbit anti-Bovine Serum Albumin antibody. Lane 1: BSA. Lane 2: None. Load: 50 ng per lane. Primary antibody: BSA antibody at 1:1,000 for overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:40,000 for 30 min at RT. Block: 5% BLOTTO-TBS for 30 min at RT. Predicted/Observed size: 66 kDa, 66 kDa for BSA. Other band(s): None.



## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.