

Datasheet for ABIN1715113  
**anti-Albumin antibody**



[Go to Product page](#)

1 Publication

## Overview

|              |                                                                                                                                                                                                                                                                                   |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                                                                                                                                                                            |
| Target:      | Albumin (ALB)                                                                                                                                                                                                                                                                     |
| Reactivity:  | Human, Mouse                                                                                                                                                                                                                                                                      |
| Host:        | Rabbit                                                                                                                                                                                                                                                                            |
| Clonality:   | Polyclonal                                                                                                                                                                                                                                                                        |
| Conjugate:   | This Albumin antibody is un-conjugated                                                                                                                                                                                                                                            |
| Application: | ELISA, Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from mouse serum albumin |
| Isotype:          | IgG                                                               |
| Cross-Reactivity: | Human, Mouse                                                      |
| Purification:     | Purified by Protein A.                                            |

## Target Details

|                   |                                                                               |
|-------------------|-------------------------------------------------------------------------------|
| Target:           | Albumin (ALB)                                                                 |
| Alternative Name: | serum albumin ( <a href="#">ALB Products</a> )                                |
| Background:       | Synonyms: Alb 1, ALB, ALBU_MOUSE, Albumin 1, Albumin, DKFZp779N1935, PR00883, |

## Target Details

PRO0903, PRO1341, PRO2044, PRO2619, Serum albumin.

Background: Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. Albumin is synthesized in the liver as preproalbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, proalbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin. [provided by RefSeq, Jul 2008].

Pathways: [Lipid Metabolism](#)

## Application Details

Application Notes:

- WB 1:300-5000
- ELISA 1:500-1000
- IHC-P 1:200-400
- IHC-F 1:100-500
- IF(IHC-P) 1:50-200
- IF(IHC-F) 1:50-200
- IF(ICC) 1:50-200
- ICC 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Publications

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Product cited in: Aragon, Topper, Tyler, Sanchez, Zychowski, Young, Herbert, Hall, Erdely, Eye, Bishop, Saunders, Muldoon, Ottens, Campen: "Serum-borne bioactivity caused by pulmonary multiwalled carbon nanotubes induces neuroinflammation via blood-brain barrier impairment." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 114, Issue 10, pp. E1968-E1976, (2017) ([PubMed](#)).