

Datasheet for ABIN783576

anti-Albumin antibody (Center)[Go to Product page](#)**2** Images**1** Publication

Overview

Quantity:	0.1 mg
Target:	Albumin (ALB)
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This Albumin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	13 amino acid peptide near the center of human Albumin
Specificity:	This antibody detects Albumin at Center.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Albumin (ALB)
Alternative Name:	Albumin (ALB Products)
Background:	Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum

Target Details

protein. It functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is synthesized in the liver as prealbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The resulting product, prealbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin. At least two isoforms of Albumin are known to exist. Synonyms: ALB, BSA, HSA, Serum Albumin

Gene ID: 213

NCBI Accession: [NP_000468](#)

UniProt: [P02768](#)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

Preservative: Sodium azide

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

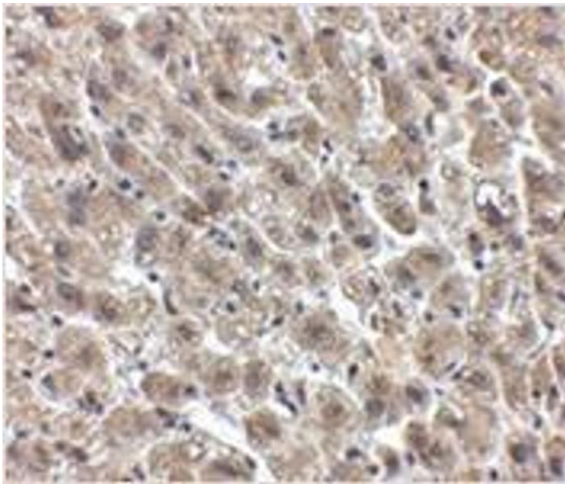
Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.

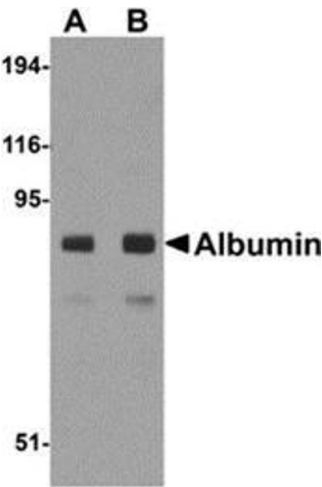
Publications

Product cited in: Göbel, Pankratz, Asaridou, Herrmann, Bittner, Merker, Ruck, Glumm, Langhauser, Kraft, Krug, Breuer, Herold, Gross, Beckmann, Korb-Pap, Schuhmann, Kuerten, Mitroulis, Ruppert, Nolte, Panousis, Klotz et al.: "Blood coagulation factor XII drives adaptive immunity during neuroinflammation via CD87-mediated modulation of dendritic cells. ..." in: **Nature communications**, Vol. 7, pp. 11626, (2016) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of Albumin in human liver tissue with Albumin antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of Albumin in mouse liver tissue lysate with Albumin antibody at (A) 1 and (B) 2 µg/ml.