Datasheet for ABIN94848

anti-Albumin antibody

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Overview

Quantity:	2 mL
Target:	Albumin (ALB)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Albumin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Human Serum Albumin Antibody
Immunogen:	Immunogen: Albumin (Human Serum) Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, purified human serum albumin, and human Serum.
Characteristics:	Synonyms: rabbit anti-human serum albumin antibody, rabbit anti-HSA antibody, ALB antibody, Albumin antibody, Analbuminemia antibody, Bisalbuminemia antibody, Cell growth inhibiting protein 42 antibody, Dysalbuminemic hyperthyroxinemia antibody, Growth inhibiting protein 20 antibody, HSA antibody
Purification:	Rabbit anti-Human serum albumin antibody was prepared from monospecific rabbit antiserum by delipidation and defibrination.

Target Details

Target:	Albumin (ALB)
Alternative Name:	ALB (ALB Products)
Background:	Background: Anti-Human Serum Albumin antibody detects Serum albumin protein. Human serum albumin is produced in the liver and is the most abundant protein in human blood plasma. Albumin constitutes about half of the blood serum protein. Albumin transports hormones, fatty acids, and other compounds, buffers pH , and maintains osmotic pressure, among other functions. Anti-HSA antibody is ideal for investigators involved in Cell Signaling, Neuroscience and Signal Transduction research.
Gene ID:	213
NCBI Accession:	NP_000468
UniProt:	P02768
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Immunohistochemistry Dilution: 1:1,000 - 1:5,000 Application Note: Anti-Human Serum Albumin (HSA/ALB) antibody is suitable for western blotting. Although not tested, Anti-Human Serum Albumin may be suitable in other applications. Researchers should determine optimal titers for other applications. Western Blot Dilution: 1:2,000 - 1:10,000 ELISA Dilution: 1:20,000 - 1:100,000 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 2.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	80 mg/mL
Buffer:	Buffer: None Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide

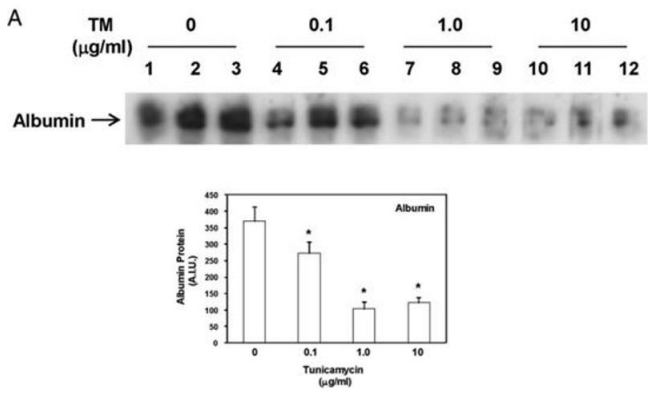
Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	12 months

Publications

Product cited in:	Haas, Onstead-Haas, Naem, Wong, Mooradian: "Induction of apolipoprotein A-I gene expression by black seed (Nigella sativa) extracts." in: **Pharmaceutical biology**, Vol. 52, Issue 9, pp. 1119-27, (2015) (PubMed).

Images



Western Blotting

Image 1. Western Blot of Anti-Human Serum Albumin Antibody. The effects of tunicamycin (TM) on albumin secretion. HepG2 cells were treated with the indicated amount of TM (A) for 24 h and relative albumin levels were measured in the conditioned medium by Western blot. Albumin secretion were inhibited by TM-treatment. N.S., not significant, *, treated vs. controls, pb0.05. Fig 3. PMID: 23154241.