

Datasheet for ABIN129719
anti-Albumin antibody (HRP)



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2 Images

Overview

Quantity:	1 mg
Target:	Albumin (ALB)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Albumin antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Human Serum Albumin Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Anti-Human Serum Albumin Antibody was produced by repeated immunizations with Human Serum Albumin. Immunogen Type: Native Protein
Isotype:	IgG
Characteristics:	Synonyms: rabbit anti-human serum albumin antibody Peroxidase conjugation, HRP conjugated rabbit anti-HSA antibody, Peroxidase conjugated rabbit anti-human serum albumin antibody, rabbit anti-HSA antibody HRP conjugation, Analbuminemia antibody, rabbit anti-serum albumin antibody, rabbit anti-albumin antibody
Purification:	Human Serum Albumin antibody was purified from pooled rabbit sera obtained from rabbits immunized with Human Serum Albumin. Purification was by Protein A Sepharose Fast Flow followed by POROS EP antigen resin affinity purification.

Target Details

Target:	Albumin (ALB)
Alternative Name:	ALB (ALB Products)
Background:	Background: Anti-Human Serum Albumin Peroxidase antibody detects Serum albumin protein. Serum albumin is the main protein of plasma. It has a good binding capacity for water, Ca ²⁺ , Na ⁺ , K ⁺ , 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.
Gene ID:	213
NCBI Accession:	NP_000468
UniProt:	P02768
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Immunohistochemistry Dilution: 1:500 - 1:2,500 Application Note: Anti-Human Serum Albumin Peroxidase antibody has been tested by ELISA and western blotting. Western Blot Dilution: 1:1,000 - 1:5,000 ELISA Dilution: 1:10,000 - 1:50,000 Other: User Optimized
Restrictions:	For Research Use only

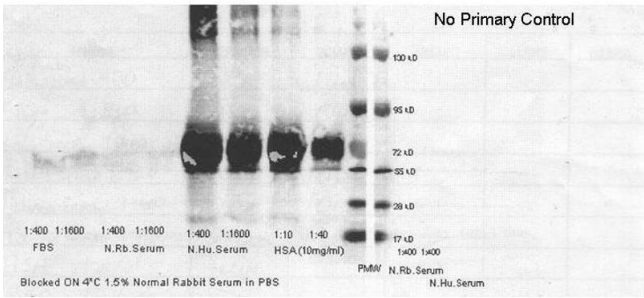
Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 1.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Polyethylene Glycol (PEG-8000) Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Sodium azide

Handling

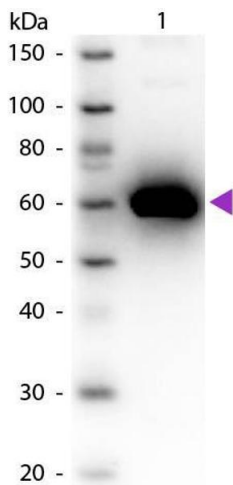
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of 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

Images



Western Blotting

Image 1. Western Blot of human serum albumin. Lane 1: 1:400 of FBS. Lane 2: 1:1600 of FBS. Lane 3: 1:400 of normal rabbit serum. Lane 4: 1:1600 of normal rabbit serum. Lane 5: 1:400 of normal human serum. Lane 6: 1:1600 of normal human serum. Lane 7: 1:10 of human serum albumin (10mg/mL). Lane 8: 1:40 of human serum albumin (10mg/mL). Lane 9: molecular weight. Right Blot: Secondary only incubated for control. Primary antibody: human serum albumin at 1:400 for overnight at 4°C. Secondary antibody: Biotin conjugated rabbit anti human serum albumin with 10 mg/ml BSA added to stock was diluted 1:5000 in PBST for 2hrs at RT. Dylight 649 conjugated Stretavidin 1:50000 in PBST 1 hr RT was used as a secondary reagent. Block: 1.5 % rabbit serum overnight at 4°C.



Western Blotting

Image 2. Western blot of Peroxidase conjugated Rabbit Anti-Human Serum Albumin secondary antibody. Lane 1: Human Serum Albumin (HSA). Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase rabbit secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. PredictedObserved size: 66 kDa, 61 kDa for HSA. Other band(s): None.