

Datasheet for 600-403-033**Human Serum Albumin Antibody Peroxidase Conjugated****Overview**

Description:	Anti-Human Serum Albumin (RABBIT) Antibody Peroxidase Conjugated - 600-403-033
Item No.:	600-403-033
Size:	1 mg
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

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.
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
Host Species:	Rabbit
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	ALB
Reactivity:	Human
Immunogen Type:	Native Protein

Immunogen:	Anti-Human Serum Albumin Antibody was produced by repeated immunizations with Human Serum Albumin.
Purity/Specificity:	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. The purified antibody was then conjugated to horseradish peroxidase and subsequently purified followed by exhaustive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, purified human serum albumin IgG, and human Serum.
Relevant Links:	• 600-403-033 SDS • UniProtKB - P02768 • GeneID - 213 • NCBI - NP_000468.1

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-Human Serum Albumin Peroxidase antibody has been tested by ELISA and western blotting.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:50,000
IHC:	1:500 - 1:2,500
WB:	1:1,000 - 1:5,000

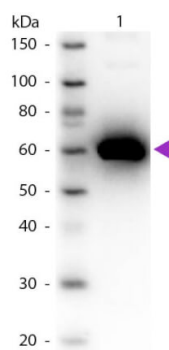
Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Stabilizer:	10 mg/ml Polyethylene Glycol (PEG-8000)
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	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.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

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 conjugated Rabbit Anti-Human Serum Albumin secondary antibody at 1:1,000 for 60 min at RT. Block: MB-070 for 30 min at RT. Predicted\Observed size: 66 kDa, 61 kDa for HSA. Other band(s): None.

Disclaimer

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