

Product Specification Sheet

Turkey Serum Albumin Antibodies

□ Cat. # ALBT22-S

Rabbit Anti-Turkey serum albumin antiserum

SIZE: 100 ul

Serum albumin is synthesized in the liver as prealbumin (propeptide 615 aa, mature protein 597 aa). It is secreted into the serum. It is the major serum protein and constitutes ~50% of the total serum proteins. It binds copper, nickel, calcium (weakly, at 2-3 sites), and protoporphyrin, long-chain fatty acids, prostaglandins, steroid hormones (weak bonds with these hormones promote their transfer across the membranes), thyroxine, and triiodothyronine. Serum albumin should not be confused with ovalbumin that is found in Turkey eggs (mol wt ~45 kda).

Source of Antigen and Antibodies

Antigen	Purified Turkey serum albumin
Ab Host/type	Rabbit, polyclonal antiserum unpurified (cat #ALBT22-S)
2-ab	Goat Anti-Turkey IgG-HRP cat # 60600 (AP, biotin, FITC conjugates also available)
Non immune IgG -ve control	# 20115-1, Turkey (non-immune) IgG, purified, suitable for ELISA, Western, IHC as -ve control

Form & Storage of Antibodies/Peptide Control

Antiserum (unpurified)

□ 100ul □ solution □ lyophilized powder

Supplied in Buffer: 0.05% azide

Reconstitute powder in 100 ul PBS

Storage

Short-term: unopened, undiluted liquid vials at -20OC and powder at 4oC or -20oC..

Long-term: at -20C or below in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted solutions.

Stability: 6-12 months at -20oC or below.

Shipping: 4oC for solutions and room temp for powder

Recommended Usage

Western Blotting

1:1000-10,000 dilution using Chemiluminescence technique).

ELISA (0.1-1 ug/ml; using 50-100 ng of control peptide/well).

Histochemistry & Immunofluorescence: not tested. We recommend the use of 1:50 to 1:500 using formalin-fixed paraffin embedded tissues or 4% paraformaldehyde fixed frozen sections.

Specificity & Cross-reactivity

Anti-Turkey albumin reacts with serum albumin with no reactivity with other serum proteins. Antibody reactivity with other species not tested. Turkey serum albumin is different from Turkey egg ovalbumin (~45 Kda). Anti-serum albumin does not react with egg ovalbumin.

*This product is for In vitro research use only.

Related material available from ADI

Catalog# ProdDescription

20115-1 Turkey IgG, purified (non-immune, isotype control) Serum

20115-2-1 Turkey IgM, purified (non-immune, isotype control) Serum

20115-5 Turkey IgG, purified (non-immune, isotype control) Serum

20211-1 Turkey (non-immune) Egg Yolk IgY, purified

20211-5 Turkey (non-immune) Egg Yolk IgY, purified

20212-1 Turkey (non-immune) total Egg Yolk proteins

20213-1 Turkey (non-immune) total Egg White proteins

60600-HRP Anti-Turkey IgG (H+L)-HRP conjugate

60600-UL Anti-Turkey IgG (H+L) IgG, Unlabeled

80187 Turkey Serum Antibody detection ELISA kit, Qualitative

8020 Turkey IgG ELISA Kit, 96 tests, Quantitative

ALBST21-M Mouse Monoclonal Anti-Turkey Serum Albumin IgG

ALBT22-S Rabbit Anti-Turkey Serum Albumin antiserum

NTUS-1 Turkey control serum (non-immunized) Mixed breed

ALBT22-S 150105A

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