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# cappel

**RABBIT ANTISERUM TO  
BOVINE ALBUMIN - 1ML**

**Catalog #: 55269**

**Lot #: 05508**

Total Protein: 27.0 mg/ml  
Antibody Protein: 6 mg/ml

## **DESCRIPTION:**

Product is the lyophilized powder of rabbit antiserum to bovine albumin and buffer salts.

The antiserum is prepared by hyperimmunizing rabbits with highly purified bovine albumin; antiserum is delipidated and made specific by solid-phase absorption. The resulting antiserum is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, 0.05% sodium azide, adjusted to standard titer, filtered through a 0.22  $\mu$ m filter, vialled and lyophilized.

## **USES:**

This product is suitable for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

(Note: IgG fractions are suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers and for attachment to solid supports for use as an immunoabsorbant. See **Related Product Ordering Information** for these products.)

## **SPECIFICATIONS:**

The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized by equivalence-point precipitation. Each antiserum is tested for specificity at a minimum of 80 mg/ml using immunoelectrophoresis. It shows reactivity to bovine albumin; cross-reactivity to other species may exist. Antibody activity to other serum proteins is not present.

## **DILUTION RECCOMENDATIONS:**

1:50 - 1:200 for Tissue Staining  
1:100 - 1:500 for Immunoblotting  
1:400 - 1:2,000 for ELISA/FIA

## **RECONSTITUTION:**

Reconstitute product with 1.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

## **STORAGE:**

Store lyophilized product at 2-8°C. Store reconstituted material no longer than 4 weeks at 2-8°C. For long-term storage, aliquot and freeze reconstituted product at -20°C or lower.

**WARNING AND CAUTION:**

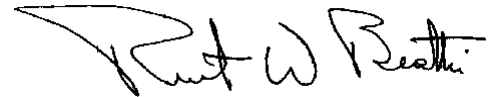
This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

**RELATED PRODUCT  
ORDERING INFORMATION:**

Catalog #   Description   Size

55275	IGG RABBIT ANTI-BOVINE ALBUMIN	5ML
55281	FITC RABBIT ANTI-BOVINE ALBUMIN	2ML
55283	RHO RABBIT ANTI-BOVINE ALBUMIN	2ML
55285	HRP RABBIT ANTI-BOVINE ALBUMIN	2ML
55886	FITC BOVINE ALBUMIN	25MG
55897	RHODAMINE BOVINE ALBUMIN	25MG
55918	PURIFIED BOVINE ALBUMIN	50MG



**Approved by:** *Robert Beattie*  
Quality Control Director

**TO PLACE AN ORDER IN THE U.S., PLEASE CALL 800-854-0530  
OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490  
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**