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# cappel

**GOAT AFFINITY PURIFIED ANTIBODY TO  
HUMAN IGA (alpha CHAIN) - 2MG**

**Catalog #: 55068**

**Lot #: 04164**

Total Protein: 1.0 mg/ml  
Active Antibody: 1.0 mg/ml

## DESCRIPTION:

Product is goat affinity purified antibody to human IgA ( $\alpha$  chain) and buffer salts.

The affinity purified antibody is prepared from the specific goat IgG fraction by solid phase absorption. The resulting affinity purified antibody is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, 0.05% sodium azide added, adjusted to standard titer, filtered through a 0.22  $\mu$ m filter, and vialled.

## USES:

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

This product is suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers, and for attachment to solid supports for use as an immunoabsorbant.

This product is suitable for use as a primary reagent in enzyme immunoassays, fluorescein immunoassays and blot, cell or tissue immunostaining. These affinity purified antibodies are recommended to avoid non-specific binding from the inherent antibodies of host animals. (Note: F(ab')<sub>2</sub> fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

## SUGGESTED WORKING DILUTIONS:

- 1: 50 - 1: 200 for Tissue Staining
- 1: 100 - 1: 500 for Immunoblotting
- 1: 400 - 1: 2,000 for Elisa

**It is recommended that each lab obtain their own optimal working dilution for each assay**

## SPECIFICATIONS:

The total protein is measured by absorbance (A<sub>280nm</sub>). Antibody titer is standardized by equivalence-point precipitation. Each affinity purified antibody is tested for purity at 10 mg/ml using immunoelectrophoresis. The product is goat IgG; no trace of albumin is detected. It shows reactivity to human IgA; cross-reactivity to other species may exist. Antibody activity to IgG, IgM, or non-immunoglobulin serum proteins is not present.

**STORAGE:**

Store unopened product at 2-8°C. For long term storage, aliquot and store with 40% glycerol (v/v) at -20°C.

**WARNING AND CAUTION:**

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

**RELATED PRODUCT ORDERING INFORMATION:**

<u>Catalog #</u>	<u>Description</u>	<u>Size</u>
55082	GOAT ANTI-HUMAN IGA (□ CHAIN)	2ML
55003	IGG GOAT ANTI-HUMAN IGA (□ CHAIN)	5ML
55047	F(AB') <sub>2</sub> GOAT ANTI-HUMAN IGA (□ CHAIN)	2ML
55077	FITC GOAT ANTI-HUMAN IGA (□ CHAIN)	2ML
55178	FITC F(AB') <sub>2</sub> GOAT ANTI-HUMAN IGA (□ CHAIN)	2ML
55195	FITC AFF.PUR. GOAT ANTI-HUMAN IGA (□ CHAIN)	2MG
55216	HRP GOAT ANTI-HUMAN IGA (□ CHAIN)	2ML
55243	HRP F(AB') <sub>2</sub> GOAT ANTI-HUMAN IGA (□ CHAIN)	2ML
59286	AKP AFF.PUR. GOAT ANTI-HUMAN IGA (□ CHAIN)	1ML
55906	PURIFIED HUMAN SERUM IGA	5MG

  
Approved by: Joseph Dietz, Ph.D.  
Quality Control Director

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**OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490**  
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