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Anti-Rat IgA Secondary Antibody

Goat Polyclonal, Unconjugated
Catalog # ASR1868

Product Information

Description	Anti-RAT IgA (GOAT) Antibody
Host	Goat
Conjugate	Unconjugated
Target Species	Rat
Clonality	Polyclonal
Physical State	Liquid (sterile filtered)
Host Isotype	IgG
Target Isotype	IgA
Buffer	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
Immunogen	Rat IgA alpha heavy chain
Species of Origin	goat
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide

Additional Information

Shipping Condition	Wet Ice
Application Note	Anti-Rat IgA antibody is suitable for Elisa, Western Blots and Immunohistochemistry. Antibody should be optimized by the end user for specific conditions of reactivity.
Purity	Anti-Rat IgA was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgA coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rat IgA and Rat Serum. No reaction was observed against Rat IgM or Rat IgG. Specificity was confirmed by ELISA at less than 1% cross reactivity against other Rat heavy or light chain isotypes.
Storage Condition	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Background

Rat IgA antibodies detects the alpah chain of the rat IgA. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rat IgA and Rat Serum. No reaction was observed against Rat

IgM or Rat IgG. Specificity was confirmed by ELISA at less than 1% cross reactivity against other Rat heavy or light chain isotypes. Anti-Rat IgA antibody is ideal for investigators involved in serum component research.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.