

Datasheet for 612-1106**Rat IgA (alpha chain) Antibody****Overview**

Description:	Goat Anti-Rat IgA (alpha chain) Antibody - 612-1106
Item No.:	612-1106
Size:	1 mg
Reactivity:	Rat
Host Species:	Goat

Product Details

Background:	Rat IgA antibodies detects the alpha 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.
Synonyms:	goat anti-Rat IgA Antibody, Immunoglobulin, Rat IgA
Host Species:	Goat
Specificity:	IgA
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Rat
Immunogen:	Rat IgA alpha heavy chain
Purity/Specificity:	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.

Application Details

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.
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 - 1:3,000
WB:	1:1,000 - 1:5,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
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.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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