

**Human IgA (alpha chain) Goat Polyclonal
ATS-SELECT SECONDARY ANTIBODY**

Catalog Number: AS-214
Quantity: 1 milligram
Format: IgG, Liquid (sterile filtered)
Host: Goat
Immunogen: Human IgA alpha heavy chain

Background: Anti-Human IgA Antibody generated in goat detects immunoglobulin A (alpha chain) from human. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.

Specificity & Preparation: Goat Anti-Human IgA was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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, Human IgA and Human Serum. No reaction was observed against Human IgM or Human IgG. ELISA was used to confirm minimal cross reactivity against other human heavy or light chain isotypes.

Usage: Human secondary antibody to IgA is available in a variety of formats. Anti-Human IgA Antibody has been tested by ELISA and dot blot and is suitable for Immunohistochemistry, Western Blotting as well as other antibody based assays.

ELISA 1:80,000

Immunohistochemistry 1:1,000 - 1:5,000

Western Blot 1:2,000 - 1:10,000

Working dilutions must be determined by end user.

Storage: Store secondary antibody at 4° C prior to opening. This Anti-Human IgA 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 date is one (1) year from date of receipt.

To view protocol(s) for this and other products please visit: www.ATSBio.com/library/protocols