

Anti-rat IgA Antibody

Subcategory: Control Antibody, Rabbit Polyclonal Antibody

Cat. No.: 250842

Unit: 0.1 mg

Description:

IgA (immunoglobulin A) is a 160 kDa glycosylated protein produced as a monomer or as a J chain-linked dimer. Secretory IgA (sIgA) are composed of 2-4 IgA monomers linked by the J chain (15 kDa) and a secretory component (70 kDa). Monomeric IgA constitutes 5-15% of the serum immunoglobulins whereas dimeric IgA is localized to mucosa surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: R

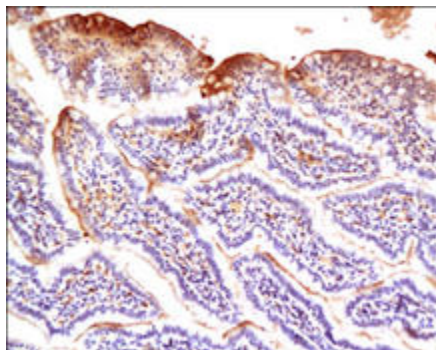
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 50% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A and antigen-affinity chromatography.

Alternate Names: Immunoglobulin A, type a heavy chain; IgA; secretory IgA; sIgA

Accession No.: Q07812

Antigen: rat IgA

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



Secretory IgA (sIgA) staining in rat intestine. Paraffin-embedded rat intestine is stained with Rat IgA Antibody (Cat. No. 250842) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.