

Product datasheet for **AP31539HR-N**

Canine IgA (Fc specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Canine IgA (Fc specific) Goat Polyclonal Antibody
Applications:	ELISA, ID, IF, IHC, IP, WB
Recommended Dilution:	Can be used in enzyme-immunocytochemical and immunohistochemical staining for the detection of IgA at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to demonstrate circulating IgA antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of dog origin known to be of the IgA isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgA in dog serum or other body fluids. Antisera to IgA do not discriminate between serum IgA (monomeric and dimeric) and higher molecular forms such as secretory IgA. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. <u>Working dilutions:</u> For histochemical and cytochemical use are usually between 1/100 and 1/250. In ELISA and comparable non-precipitating antibody-binding assays between 1/1000 and 1/5000.
Reactivity:	Canine
Host:	Goat
Immunogen:	Purified normal IgA isolated from pooled dog serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Formulation:	PBS, pH 7.2 No preservative added, as it may interfere with the antibody activity. No foreign proteins added. Label: HRP State: Lyophilised hyperimmune Ig fraction Label: Horseradish Peroxidase Molar ratio: 1,7
Reconstitution Method:	Restore with 1 ml sterile distilled water



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Concentration: 10 mg/ml

Purification: DEAE-column Chromatography

Conjugation: HRP

Storage: Prior to reconstitution store at 2-8°C.
Following reconstitution store undiluted at 2-8°C for one week
or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.

Note: **Adsorption:** Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. Special attention is given to the removal of antibodies to common Ig/Fab. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.