

Product datasheet for **AP33057HR-N**

Duck IgG (H+L chain) Rabbit Polyclonal Antibody

Product data:

Product Type: Secondary Antibodies

Product Name: Duck IgG (H+L chain) Rabbit Polyclonal Antibody

Applications: ELISA, IF, IHC, WB

Recommended Dilution: **ELISA.**

Dot blot.

Immunoblotting.

Immunocytochemistry.

Immunohistochemistry on Paraffin Sections.

In enzyme-immunocytochemical and immunohistochemical staining for the detection of duck IgG, antigen or antibody, of appropriately treated cell and tissue substrates at the cellular and subcellular level. In nonisotopic assay methodology (e.g. ELISA) to identify and measure a specific IgG in duck serum or other body fluid. In electron microscopy, since the complex between the conjugated antibody and the antigen also has electron-dense properties. 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.

Recommended Working Dilutions:

Histochemical and Cytochemical Use: 1/100-1/500.

ELISA and comparable non-precipitating antibody-binding assays: 1/1,000-1/5,000.

Reactivity: Duck

Host: Rabbit

Immunogen: Purified normal Ig fractions isolated from pooled Duck serum.
Freund's complete adjuvant is used in the first step of the immunization procedure.

Isotype: IgG



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Formulation:	PBS, pH 7.2 Label: HRP State: Lyophilized purified hyperimmune IgG fraction Stabilizer: None Preservative: None Label: Horseradish peroxidase enriched for isoenzyme C (RZ = 3.2) Molar ratio: Enzyme/IgG protein ~1.7
Reconstitution Method:	Restore by adding 1 ml of sterile distilled water
Concentration:	6.3 mg/ml
Purification:	Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt-precipitation and purification of the IgG fraction by DEAE-chromatography.
Conjugation:	HRP
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Note:	<u>Adsorption:</u> Not required. <u>Conjugation procedure:</u> Conjugation is carried out using a proprietary modification of the periodate method, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. No foreign protein has been added. The conjugate is lyophilized to assure stability and long shelf life.