

Product datasheet for **AP09215HR-N**

KLH Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<u>Recommended Diutions:</u> ELISA: 1/400,000. Western Blot: 1/1,000-1/5,000. Immunohistochemistry: 1/500-1/2,500. Immunoperoxidase Electron Microscopy.
	Note: This product has been assayed against 1.0 µg of KLH in a standard Capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/15,000 to 1/60,000 is suggested for this product.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	KLH (Keyhole Limpet Hemocyanin)
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Rabbit Serum.
Formulation:	0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 containing 10 mg/ml BSA (IgG and Protease free) as stabilizer and 0.01% Gentamicin Sulfate as preservative Label: HRP State: Lyophilized purified Ig fraction Label: Horseradish Peroxidase
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography using KLH coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Conjugation:	HRP



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Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	KLH (Keyhole Limpet Hemocyanin) is a copper containing oxygen carrier occurring freely dissolved in the hemolymph of many molluscs and arthropods. KLH is often used in molecular immunology as a carrier protein conjugated to low molecular weight molecules such as peptides, amino acids, nucleic acids, drugs or toxins to render them more immunogenic due to the size of the conjugate complex and the immunogenicity of KLH. KLH forms a large complex composed of ~50 kDa subunits.
Synonyms:	Keyhole Limpet Hemocyanine