

Polyclonal Antibody to Rat IgG (H&L) - HRP

Catalog No.:	R1614HRP
Quantity:	2 mg
Concentration:	2.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Rat IgG whole molecule
Format:	State: Lyophilized purified Ig fraction. Purification: Immunoaffinity Chromatography. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, containing 10 mg/ml BSA (IgG and Protease free) as a stabilizer and 0.01% (w/v) Gentamicin Sulfate as a preservative. Label: HRP – Horseradish Peroxidase Reconstitution: Restore with 1.0 ml of deionized water or equivalent.
Applications:	Immunoblotting (Western or Dot blot), ELISA, immunoperoxidase electron microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. Recommended Dilutions: ELISA: 1/300,000. Western blot: 1/2,000-1/10,000. Immunohistochemistry: 1/500-1/1,500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG 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-Peroxidase, anti-Goat Serum, Rat IgG and Rat Serum.
Storage:	Store vial at 4°C prior to restoration. Restore with deionized water (or equivalent); centrifuge product if not completely clear after standing at room temperature. This product is stable for four weeks at 4°C as an undiluted liquid. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use. Shelf life: one year from despatch.
General References:	Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981. (Conjugation)

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com