

Polyclonal Antibody to Rat IgG [H&L] -HRP-

Catalog No.:	R1372HRP
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Rat IgG whole molecule.
Format:	State: Lyophilized purified Ig fraction. Purification: Immunoaffinity Chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml BSA (IgG and Protease free) as stabilizer and 0.01% (w/v) Gentamicin Sulfate as preservative. Label: HRP – Horseradish Peroxidase Conjugation Chemistry: Periodate. Label MW: 40,000 Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for 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: 1/2,000-1/10,000. Western Blot: 1/1,000-1/5,000. Immunohistochemistry: 1/500-1/2,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Rat IgG and Rat Serum. No reaction was observed against Human Serum Proteins. Species: Rat. Other species not tested.

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

Storage:

Store vial at 2-8°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 one month at 2-8°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 repeated freezing and thawing.
Dilute only prior to immediate use.
Shelf life: one year from despatch.

Caution:

Do **Not** Add Sodium Azide.

General References: 1. Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981 (Conjugation).

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