

R1327HRP**Polyclonal Antibody to Hamster IgG [H&L] -HRP-**

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| Alternate names: | Hamster Immunoglobulin G |
| Quantity: | 1.5 mg |
| Concentration: | 1.5 mg/ml (by UV absorbance at 280 nm, before lyophil.) |
| Host: | Rabbit |
| Immunogen: | Golden Syrian Hamster 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 Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer and 0.01% (w/v) Gentamicin Sulfate as preservative. Label: HRP – Horseradish Peroxidase 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 1:16,000 - 1:64,000 WESTERN BLOT 1:1,000 - 1:5,000 IMMUNOHISTOCHEMISTRY 1:500 - 1:2,500 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 Hamster IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Hamster IgG and Hamster Serum. |
| Storage: | Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch. |
| Caution: | Do <u>Not</u> Use Sodium Azide as Preservative. |
| General Readings: | Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981. (Conjugation) |