

Polyclonal Antibody to Goat IgG F(c) -HRP-

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| Alternate names: | Goat Immunoglobulin G |
| Catalog No.: | R1319HRP |
| Quantity: | 2 mg |
| Concentration: | 2.0 mg/ml (by UV absorbance at 280 nm) |
| Host: | Rabbit |
| Immunogen: | Goat IgG F(c) fragment. |
| Format: | State: Lyophilized purified Ig fraction. Purification: Immunoaffinity Chromatography using Goat IgG coupled to agarose beads. Buffer System: 0.01M Sodium Phosphate, 0.15M Sodium Chloride, pH 7.4 with 0.01% (w/v) Gentamicin Sulfate as preservative and 10 mg/ml BSA (IgG and Protease free) as stabilizer. Label: HRP – Horseradish Peroxidase Reconstitution: Restore with 1.0 ml of deionized water (or equivalent). |
| Applications: | Suitable for Immunoblotting (Western: 1/1,000-1/10,000 or Dot blot), ELISA (1/10,000-1/50,000), Immunoperoxidase electron microscopy and Immunohistochemistry (1/500-1/2,500) as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. Recommended Dilutions: This product has been assayed against 1.0 µg of Goat IgG in a standard capture ELISA using TMB as a substrate for 30 minutes at room temperature. A working dilution of 1/4,000 to 1/16,000 of the reconstitution concentration is suggested for this product. 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, Goat IgG, Goat IgG F(c) and Goat Serum. No reaction was observed against Goat IgG F(ab') ₂ . |
| 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. |
| 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