

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

Alternate names: Goat Immunoglobulin G

Catalog No.: R1254HRP

Quantity: 1 mg

Concentration: 1.0 mg/ml (by UV absorbance at 280 nm)

Host: Donkey

Immunogen: Goat IgG whole molecule

Format: State: Lyophilized purified Ig fraction

Purification: Immunoaffinity Chromatography using Goat IgG coupled to agarose beads

followed by solid phase adsorption(s) to remove any unwanted reactivities

Buffer System: 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 containing 10 mg/ml BSA ($\lg G$ and Protease free) as stabilizer and 0.01% (g/g) 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: 1/130,000.

Western blot: 1/2,000-1/10,000. Immunohistochemistry: 1/500-1/2,500.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

Specificity: Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase,

anti-Donkey Serum, Goat IgG and Goat Serum.

No reaction was observed against Chicken, Guinea Pig, Hamster, Horse, Mouse, Rabbit and

Rat Serum Proteins

Storage: Store vial at 2-8°C prior to restoration.

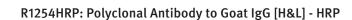
Restore with deionized water (or equivalent); centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an

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 and Nakane, J. Immunol. Methods 47; 129-144. 1981. (Conjugation)