

**R1317B****Polyclonal Antibody to Goat IgG (H+L chain) - Biotin**

<b>Alternate names:</b>	Goat Immunoglobulin G
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Goat IgG whole molecule.
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 <b>Preservatives:</b> 0.01% (w/v) Sodium Azide <b>Stabilizers:</b> 10 mg/ml BSA (IgG and Protease free) <b>Label:</b> Biotin – Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) <i>Molar Ratio:</i> 10-20 BAC molecules per Rabbit IgG molecule. <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	Suitable for Immunoblotting, ELISA, Immunohistochemistry, Immunomicroscopy as well as other assays using streptavidin/avidin conjugates requiring lot-to-lot consistency. <i>Recommended Dilutions:</i> <b>ELISA:</b> 1/20,000-1/1,00,000. <b>Western Blot:</b> 1/2,000-1/10,000. <b>Immunohistochemistry:</b> 1/1,000-1/5,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This product was prepared from monospecific antiserum by Immunoaffinity Chromatography using Goat 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-biotin, anti-Rabbit Serum, Goat IgG and Goat Serum.
<b>Storage:</b>	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.
<b>General Readings:</b>	1. Bayer & Wilchek Methods in Enzymology 184; 138-160, 1990. (Conjugation)