

AP31796HR-N**Polyclonal Antibody to Goat IgG (H+L chain) - HRP**

Alternate names:	Goat Immunoglobulin G
Quantity:	1 ml
Concentration:	1.0 mg/ml (based on absorbance at 280 nm)
Host / Isotype:	Chicken / Ig
Immunogen:	<p>Purified, non-denatured Goat IgG (containing both heavy and light chains) emulsified in Freund's adjuvant.</p> <p>Production: After multiple injections, eggs were collected from hyperimmunized hens and the IgY fraction purified from the yolks. Anti-goat IgG's were affinity-purified over a column conjugated with purified Goat IgG (containing both heavy and light chains) and then conjugated with Horseradish Peroxidase.</p>
Format:	<p>State: Liquid purified IgY fraction</p> <p>Purification: Affinity Chromatography</p> <p>Buffer System: 50mM HEPES, pH 7.0 containing 0.1M NaCl</p> <p>Preservatives: 0.01% Thimerosal</p> <p>Stabilizers: 0.2% BSA</p> <p>Label: HRP – Horseradish Peroxidase</p>
Applications:	<p>ELISA: a 1/75,000 dilution gave an O.D. of 1.0 in a 15 minute reaction using Tetramethylbenzidine as substrate.</p> <p>Western Blot (1/5000).</p> <p>Quality Control: Antibodies were tested for specificity using Double-Immunodiffusion assays in Agarose gels and ELISA analysis.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>Goat IgG (heavy and light chains).</p> <p>There is no detectable cross-reactivity with Rabbit, Human or Mouse IgG.</p> <p>Species: Goat.</p> <p>Other species not tested.</p>
Storage:	<p>Store the antibody undiluted at 2-8°C in the dark.</p> <p>Shelf life: one year from despatch.</p>