

## Polyclonal Antibody to Rabbit IgG (H+L chain) - AP

<b>Alternate names:</b>	Rabbit Immunoglobulin G
<b>Catalog No.:</b>	R1364AP
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (by UV absorbance at 280 nm).
<b>Host:</b>	Goat
<b>Immunogen:</b>	Rabbit IgG, whole molecule.
<b>Format:</b>	<b>State:</b> Liquid (sterile filtered) purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> 0.05M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol, pH 8.0 <b>Preservatives:</b> 0.09% (w/v) Sodium Azide <b>Stabilizers:</b> 10 mg/ml BSA (Ig and Protease free) <b>Label:</b> AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons)
<b>Applications:</b>	Suitable for Immunoblotting (Western or Dot blot), ELISA and Immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency. <b>Recommended Dilutions:</b> ELISA: 1/3,000-1/25,000. Western blot: 1/1,000-1/4,000. Immunohistochemistry: 1/200-1/1,000. 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 Rabbit 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-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Rabbit IgG and Rabbit Serum.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Shelf life: one year from despatch.
<b>Product Citations:</b>	<b>Purchased from Acris:</b> <i>HRP conjugated antibody is cited in:</i> 1. Kokk K, Kuuslahti M, Keisala T, Purmonen S, Kaipia A, Tammela T, et al. Expression of luteinizing hormone receptors in the mouse penis. J Androl. 2011 Jan-Feb;32(1):49-54. doi:

10.2164/jandrol.109.008623. Epub 2010 Aug 26. PubMed PMID: 20798391.

**General Readings:** 1. Modified from Avrameas and Ternyrock, Immunochemistry 32; 1175, 1971. (Conjugation)