

## Polyclonal Antibody to Rat IgG [H&L] -AP-

<b>Catalog No.:</b>	R1378AP
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host:</b>	Goat
<b>Immunogen:</b>	Rat 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, with 10 mg/ml Bovine Serum Albumin (BSA IgG and Protease free) and 0.01% (w/v) Sodium Azide as preservative. <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. <u>Recommended dilutions:</u> ELISA: 1:1,000 - 1:5,000 Western blot: 1:500 - 1:5,000 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 Rat 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, Rat IgG and Rat Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Sheep Serum Proteins.
<b>Storage:</b>	Store the antibody (undiluted) at 2-8°C <b>DO NOT FREEZE!</b> Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Dilute only prior to immediate use. Shelf life: One year from despatch.

**General References:** 1. Modified from Avrameas and Ternyrock, *Immunochemistry* 32; 1175, 1971.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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