

## F(ab')<sub>2</sub> Fragment of Rabbit anti-Goat IgG [H&L] -AP-

<b>Alternate names:</b>	Goat Immunoglobulin G
<b>Catalog No.:</b>	R1392AP
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 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 F(ab') <sub>2</sub> fragments. <b>Purification:</b> Immunoaffinity chromatography. <b>Buffer System:</b> 0.01M Tris Chloride, 0.25M Sodium Chloride; pH 8.0 with 15 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free as stabilizer and 0.05% (w/v) sodium azide as preservative. <b>Label:</b> AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons) <b>Reconstitution:</b> Restore with 0.5 ml of deionized water (or equivalent).
<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. ELISA: 1:10,000 - 1:40,000. Western Blot: 1:500 - 1:5,000. Immunohistochemistry: 1:200 - 1:2,000. 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, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Rabbit Serum, Goat IgG and Goat Serum. No reaction was observed against anti-Pepsin, anti-Rabbit IgG F(c) or Human Serum Proteins.
<b>Storage:</b>	Store the antibody as an undiluted liquid at 4°C before opening. <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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