

R1317AP**Polyclonal Antibody to Goat IgG (H+L chain) - AP**

Alternate names:	Goat Immunoglobulin G
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Goat IgG whole molecule.
Format:	State: Liquid (sterile filtered) purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: 0.05M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol, pH 8.0 Preservatives: 0.09% (w/v) Sodium Azide Stabilizers: 10 mg/ml BSA (IgG and Protease free) Label: AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons)
Applications:	Suitable for Immunoblotting (Western or Dot blot), ELISA and Immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency. <i>Recommended Dilutions:</i> ELISA: 1/2,000-1/13,000. Western blot: 1/500-1/2,500. Immunohistochemistry: 1/200-1/1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	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-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Goat IgG and Goat Serum.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! 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 Readings:	1. Modified from Avrameas and Ternyrock, Immunochemistry 32; 1175 1971. (Conjugation)

Pictures:

Western Blot of Rabbit anti-Goat
Antibody Alkaline Phosphatase
Conjugated:
Lane 1: Goat IgG, Load: 100 ng per lane
Secondary antibody Alkaline
Phosphatase Conjugated Rabbit Anti-
Goat Antibody at 1/1000 for 60 min at RT
Block: MB-070 30 min RT
Predicted/Observed size: 55 and 28 kDa,
55 and 28 kDa

