

R1456AP**Polyclonal Antibody to Sheep IgG (H&L) - AP-**

Alternate names:	Sheep Immunoglobulin G
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Sheep IgG whole molecule
Format:	State: Liquid (sterile filtered) purified Ig fraction. Purification: Immunoaffinity Chromatography. Buffer System: 0.05 M Tris Chloride, 0.15 M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001 M Zinc Chloride, 50% (v/v) Glycerol, pH 8.0 containing 0.01% (w/v) Sodium Azide as preservative and 10 mg/ml BSA (IgG and Protease free) as stabilizer. Label: AP – Alkaline Phosphatase (Calf Intestine) (MW. 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. <u>Recommended Dilutions:</u> ELISA: 1/25,000. Western Blot: 1/500-1/2,000. 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 Sheep 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, Sheep IgG and Sheep Serum.
Storage:	Store the antibody undiluted at 2-8°C before opening. DO NOT FREEZE! Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Modified from Avrameas and Ternyrock, Immunochemistry 32; 1175 1971. (Conjugation)