

Polyclonal antibody to Sheep IgG F(c) -AP-

Catalog No.:	R1380AP
Quantity:	1 mg
Concentration:	0.65 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Sheep IgG F(c) fragment.
Format:	<p>State: Liquid (sterile filtered) purified Ig fraction.</p> <p>Purification: Immunoaffinity chromatography.</p> <p>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, containing 10 mg/ml BSA (IgG and Protease free) and 0.01% (w/v) Sodium Azide as preservative.</p> <p>Label: AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons)</p>
Applications:	<p>Suitable for Immunoblotting (Western or dot blot), ELISA and Immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency.</p> <p>This product has been assayed against 1.0 ug of Sheep IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature. A working dilution of 1:1,300 to 1:5,400 of the reconstitution concentration is suggested for this product.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>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.</p> <p>Assay by immunoelectrophoresis resulted in a single precipitin arc against anti- Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Sheep IgG, Sheep IgG F(c) and Sheep Serum. No reaction was observed against Sheep IgG F(ab')₂.</p>
Storage:	<p>Store vial at 4°C before opening.</p> <p>DO NOT FREEZE!</p> <p>This product is stable at 4°C as an undiluted liquid.</p> <p>Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.</p> <p>Dilute only prior to immediate use.</p> <p>Shelf life: One year from despatch.</p>

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 or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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