

Polyclonal Antibody to Sheep IgG F(ab')₂ -AP-

Catalog No.:	R1382AP
Quantity:	1 mg
Concentration:	0.6 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Sheep IgG F(ab') ₂ fragment.
Format:	<p>State: Liquid (sterile filtered) purified IgG 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 with 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free as stabilizer 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>Recommended Dilutions: This product has been assayed against 1.0 µg 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 1:500 to 1:2,000 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(ab')₂ and Sheep Serum.</p> <p>No reaction was observed against Sheep IgG F(c).</p>
Storage:	<p>Store the antibody (undiluted) at 2-8°C.</p> <p>DO NOT FREEZE!</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
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com