Acris Antibodies GmbH

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Polyclonal Antibody to Swine IgG -AP-

Alternate names:	Pig IgG, Pig Immunoglobulin G
Catalog No.:	R1384AP
Quantity:	1 mg
Concentration:	0.65 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Swine 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 with 0.05% (w/v) Sodium Azide as preservative and 10 mg/ml Bovine Serum Albumin (BSA) (IgG and Protease free) as stabilizer. **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. Recommended Dilutions: This product has been assayed against 1.0 µg of Swine 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 1:4,000 of the reconstitution concentration is suggested for this product. 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 Swine 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, Swine IgG, and Swine Serum.
Storage:	Store the antibody (undiluted) at 2-8ºC before opening. **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 References:	1. Modified from Avarameas and Ternyrock, Immunochemistry 32; 1175 1971.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

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