

Product datasheet for **AP09120BT-N**

Protein A Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Suitable for immunoblotting, ELISA, immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency. The product has been assayed against 1.0 µg of Protein A in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Protein A [Staphylococcus aureus]
Specificity:	This antibody detects Protein A. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum as well as purified and partially purified Protein A [Staphylococcus aureus]. Cross reactivity against Protein A from other sources is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 as buffer, 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free as stabilizer, 0.01% (w/v) Sodium Azide as preservative Label: Biotin State: Lyophilized Ig fraction Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Molar ratio: 10-20 BAC molecules per Goat IgG molecule
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Purified from monospecific antiserum by a multistep process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Biotin



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- Storage:** Store vial at 2-8° C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for two weeks at 2-8° C as an undiluted liquid. Dilute only prior to immediate use.
- Stability:** Shelf life: One year from despatch.