

Datasheet for ABIN5596970
anti-Protein A antibody (HRP)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Protein A
Reactivity:	Staphylococcus aureus
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Protein A antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Immunogen: Protein A [Staphylococcus aureus] Immunogen Type: Native Protein
Isotype:	IgG
Purification:	Anti-Protein A (GOAT) Antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum as well as purified and partially purified Protein A [Staphylococcus aureus].

Target Details

Target:	Protein A
Abstract:	Protein A Products

Target Details

Background:	Synonyms: HRP, Horseradish Peroxidase, Anti-Protein A HRP Antibody Background: Protein A is 56 kDA surface protein found in the cell wall of Staphylococcus aureus. Protein A has a high affinity to Human IgG, Mouse IgG and others and is therefore suitable for purification and detection of immunoglobulins. Horse Raddish Peroxidase (HRP) is an enzyme that utilize organic peroxide compounds as electron donors. Naturally provides protection for plants against pathogens, but can be utilized in molecular biology to convert various substrates to detectable compounds (such as in Western Blotting and ELISAs). Anti-Protein A (GOAT) Antibody is ideal for researchers in Immunology, Cancer, and Microbiology.
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Application Details

Application Notes:	Immunohistochemistry Dilution: 1:250 Application Note: Anti-Protein A Peroxidase Conjugated has been assayed against 1.0 µg of Protein A [Staphylococcus aureus] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 is suggested for this product. Western Blot Dilution: 1:500-1:2,000 ELISA Dilution: 1:2,000-1:20,000
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Restrictions:	For Research Use only
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Handling

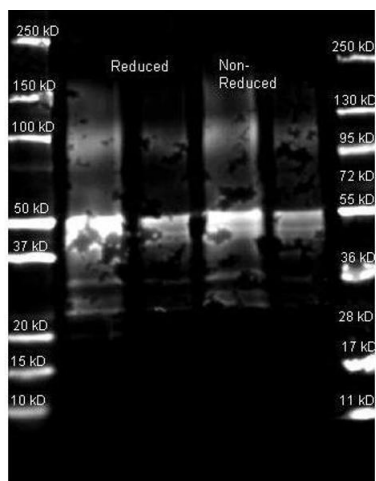
Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 100 µL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after

Handling

standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months

Images



Western Blotting

Image 1. Western Blot of Goat anti-Protein A Antibody. Lane 1: Protein A Reduced. Lane 2: Protein A Reduced. Lane 3: Protein A Non-Reduced. Lane 4: Protein A Non-Reduced. Load: Lane 1 and 3 - 1.0 µg per lane, Lane 2 and 4 - 0.25 ug per lane. Primary antibody: Protein A antibody at 1:5,000 for overnight at 4°C. Secondary antibody: 649 goat secondary antibody at 1:10,000 for 90 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: ~50 kDa for Protein A. Other band(s): Protein A splice variants and isoforms.