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Datasheet for ABIN5596708
anti-Dextranase antibody (HRP)

Overview

Quantity:	100 µg
Target:	Dextranase
Reactivity:	Penicillium sp.
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dextranase antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Immunogen: Dextranase [Penicillium species] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Dextranase from other sources is unknown.
Purification:	Dextranase 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-Rabbit Serum as well as purified and partially purified Dextranase [Penicillium species].

Target Details

Target:	Dextranase
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Target Details

Abstract:	Dextranase Products
Background:	Synonyms: Dextranase Alpha-1,6-glucan-6-glucanohydrolase DEX Background: Dextranase belongs to the glycosyl hydrolase 49 family. It's catalytic reaction is endohydrolysis of (1->6)-alpha-D-glucosidic linkages in dextran. Gene Name: DEX
UniProt:	P48845

Application Details

Application Notes:	Application Note: Anti-Dextranase has been assayed against 1.0 µg of Dextranase [Penicillium species] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:3,000 of the reconstitution concentration is suggested for this product. Western Blot Dilution: 1:500 - 1:5,000 Immunoprecipitation Dilution: User Optimized ELISA Dilution: 1:2,000 - 1:10,000
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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 standing at room temperature. This product is stable for several weeks at 4° C as an undiluted

Handling

liquid. Dilute only prior to immediate use.

Expiry Date: 12 months