

Datasheet for ABIN5596905
anti-beta-Amylase 1 antibody (HRP)



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Overview

Quantity:	100 µg
Target:	beta-Amylase 1 (BAM1)
Reactivity:	Sweet potato
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta-Amylase 1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Dot Blot (DB)

Product Details

Purpose:	Beta Amylase Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Beta Amylase [Sweet Potato] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Beta Amylase [Sweet Potato].
Characteristics:	Synonyms: rabbit anti-Beta Amylase Antibody Peroxidase Conjugation, HRP conjugated rabbit anti-Beta Amylase Antibody, 1-4 alpha D glucan maltohydrolase antibody, 14 alpha D glucan maltohydrolase antibody, AMYB antibody, BMY1 antibody
Purification:	Beta Amylase 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.

Target Details

Target:	beta-Amylase 1 (BAM1)
Alternative Name:	BMY1, AMYB
Background:	Background: Beta Amylase acts on starch, glycogen and related polysaccharides and oligosaccharides producing beta-maltose by an inversion.
UniProt:	P10537

Application Details

Application Notes:	<p>Application Note: Anti-Beta Amylase Peroxidase conjugated antibody has been tested by ELISA and dot blot This product is assayed against 1.0 µg of Beta Amylase [Sweet Potato] 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 1:500 to 1:1,000 of the reconstitution concentration is suggested for this product.</p> <p>Western Blot Dilution: 1:250</p> <p>Other: User Optimized</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 100 µL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!</p>
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