

Datasheet for ABIN7565858
anti-beta-Amylase 1 antibody (HRP)



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Overview

Quantity:	25 µL
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
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.
Sterility:	Sterile filtered

Target Details

Target:	beta-Amylase 1 (BAM1)
Alternative Name:	BMV1, 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:	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. Western Blot Dilution: 1:250 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 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: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Handling

Expiry Date: 12 months