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Datasheet for ABIN5596904
anti-Amylase, alpha antibody (HRP)

Overview

Quantity:	100 µg
Target:	Amylase, alpha (AMY)
Reactivity:	Bacillus amyloliquefaciens
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Amylase, alpha antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Immunogen: Anti-Alpha Amylase Antibody was produced by repeated immunizations with Bacillus amyloliquefaciens a-Amylase protein. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against a-Amylase from other tissues and species is unknown.
Purification:	Alpha Amylase 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-Rabbit Serum as well as purified and partially purified a-Amylase [Bacillus amyloliquefaciens].

Target Details

Target:	Amylase, alpha (AMY)
Alternative Name:	Alpha Amylase (AMY Products)
Background:	Synonyms: Alpha-amylase, EC=3.2.1.1, 1,4-alpha-D-glucan glucanohydrolase Background: Anti-Alpha Amylase Antibody detects Alpha Amylase. α -Amylase is an enzyme that hydrolyses alpha-bonds of large alpha-linked polysaccharides, such as starch and glycogen, yielding glucose and maltose. Anti-Alpha Amylase Antibody is ideal for investigators involved in Cell Signaling. Gene Name: Alpha-amylase
Gene ID:	7849308
UniProt:	P00692

Application Details

Application Notes:	Application Note: Alpha Amylase antibody has been assayed against 1.0 μ g of Alpha Amylase [<i>Bacillus amyloliquefaciens</i>] 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 1:2,000 to 1:10,000 of the reconstitution concentration is suggested for this product. Western Blot Dilution: 1:500 - 1:5,000 Immunoprecipitation Dilution: 1:100 ELISA Dilution: 1:5,000 - 1:20,000
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 100 μ L 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

Handling

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 liquid. Dilute only prior to immediate use.

Expiry Date: 12 months