

Datasheet for ABIN7565729  
**anti-Amylase, alpha antibody (HRP)**



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## Overview

Quantity:	25 µL
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

Purpose:	Alpha Amylase Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Anti-Alpha Amylase Antibody was produced by repeated immunizations with Bacillus amyloliquefaciens a-Amylase protein. 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 a-Amylase [Bacillus amyloliquefaciens].
Characteristics:	Synonyms: rabbit anti-Alpha Amylase Antibody Peroxidase Conjugation, HRP conjugated rabbit anti-Alpha Amylase Antibody, Alpha-amylase, 1,4-alpha-D-glucan glucanohydrolase
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.

## Product Details

Sterility: Sterile filtered

## Target Details

Target:	Amylase, alpha (AMY)
Alternative Name:	Alpha-amylase ( <a href="#">AMY Products</a> )
Background:	Background: Anti-Alpha Amylase Antibody detects Alpha Amylase. $\alpha$ -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 ID:	7849308
NCBI Accession:	<a href="#">WP_013352208</a>
UniProt:	<a href="#">P00692</a>

## Application Details

Application Notes:	Application Note: Alpha Amylase Peroxidase conjugate antibody has been tested by ELISA and western blot and is assayed against 1.0 $\mu$ 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 Other: User Optimized
Restrictions:	For Research Use only

## Handling

Format:	Liquid
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: 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

## Handling

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should be handled by trained staff only.

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Storage: -20 °C

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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.

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Expiry Date: 12 months