



[Go to Product page](#)

Datasheet for ABIN95004  
**anti-Amylase, alpha antibody**

### Overview

Quantity:	100 µg
Target:	Amylase, alpha (AMY)
Reactivity:	Bacillus amyloliquefaciens
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Amylase, alpha antibody is un-conjugated
Application:	ELISA

### Product Details

Immunogen:	a-Amylase [Bacillus amyloliquefaciens] Immunogen Type: NativeProtein
Isotype:	IgG
Specificity:	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-Rabbit Serum as well as purified and partially purified a-Amylase [Bacillus amyloliquefaciens]. Cross reactivity against a-Amylase from other tissues and species may occur but have not been specifically determined.
Characteristics:	Research Area Cancer, Cell Signaling, Signal Transduction
Purification:	affinity purified
Sterility:	Sterile filtered

## Target Details

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Target:	Amylase, alpha (AMY)
Alternative Name:	Alpha Amylase ( <a href="#">AMY Products</a> )
Background:	Research Area Cancer, Cell Signaling, Signal Transduction Synonyms: Alpha-amylase EC=3.2.1.1 1,4-alpha-D-glucan glucanohydrolase
Gene ID:	7849308
UniProt:	<a href="#">P00692</a>

## Application Details

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Application Notes:	This product has been assayed against 1.0 ug of a-Amylase [ <i>Bacillus amyloliquefaciens</i> ] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.
Comment:	Gene Name: Alpha-amylase
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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:	4 °C/-20 °C
Storage Comment:	Store vial at 4 °C prior to restoration. Restore with 0.1 mL of deionized water (or equivalent). 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. Expiration date is three (3) months from date of opening.
Expiry Date:	3 months