

**Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody**  
**Alpha Amylase Antibody**  
**Catalog # ASR4344**

**Specification**

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**Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - Product Information**

Host	Rabbit
Conjugate	Unconjugated
Target Species	Bacillus amyloliquefaciens
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application Note	Anti-Alpha Amylase has been tested by ELISA and western blot and is assayed against 1.0 ug of a-Amylase [Bacillus amyloliquefaciens] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 and (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 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.
Physical State	Liquid (sterile filtered)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	a-Amylase [Bacillus amyloliquefaciens]
Preservative	0.01% (w/v) Sodium Azide

**Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - Additional Information**

**Other Names**

7849308

**Purity**

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.

**Storage Condition**

Store Alpha Amylase Antibody at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Anti-Alpha Amylase Antibody is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - Protein Information**

**Name** AMY

**Cellular Location**  
Secreted.

**Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - Images****Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - Background**

Alpha Amylase is a protein enzyme that preforms endohydrolysis of alpha bonds in large alpha linked polysaccharides, such as starch and glycogen, yielding glucose and maltose. Alpha Amylase applications include ethanol production and reduction of starch or glycogen molecules. Anti-Alpha Amylase Antibody is useful for researchers interested in Metabolism, Cancer, Cell Signaling, and Signal Transduction research.