



## Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - 200-401-045

**Code:** 200-401-045

**Size:** 100 µg

**Product Description:** Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - 200-401-045

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Liquid (sterile filtered)

<b>Label</b>	Unconjugated
<b>Host</b>	Rabbit
<b>Gene Name</b>	Alpha-amylase
<b>Species Reactivity</b>	Bacillus amyloliquefaciens
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	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.
<b>Synonyms</b>	Alpha-amylase EC=3.2.1.1 1,4-alpha-D-glucan glucanohydrolase
<b>Application Note</b>	This product has been 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.
<b>Background</b>	Research Area Cancer, Cell Signaling, Signal Transduction
<b>Purity And Specificity</b>	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.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:5,000 - 1:20,000
<b>WESTERN BLOT</b>	1:500 - 1:5,000
<b>OTHER ASSAYS</b>	User Optimized
<b>Immunogen</b>	a-Amylase [Bacillus amyloliquefaciens]

### Related Products

200-401-045S	Anti-ALPHA AMYLASE (Bacillus amyloliquefaciens) (RABBIT) Antibody - 200-401-045S
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
611-142-122	Anti-RABBIT IgG (H&L) (GOAT) Antibody DyLight™ 549 Conjugated (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) - 611-142-122
611-157-122	Anti-RABBIT IgG (H&L) (GOAT) Antibody ATTO 655 Conjugated (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) - 611-157-122

### Related Links

UniProtKB <http://www.uniprot.org/uniprot/P00692>  
NCBI - P00692.1 <http://www.ncbi.nlm.nih.gov/protein/P00692.1>  
UniProt - P00692 <http://www.uniprot.org/uniprot/P00692>  
Gene ID - 7849308 <http://www.ncbi.nlm.nih.gov/gene/7849308>

## **Disclaimer**

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.