

**Anti-GLUCOAMYLASE (GOAT) Antibody**  
**Glucoamylase Antibody**  
**Catalog # ASR3940****Specification****Anti-GLUCOAMYLASE (GOAT) Antibody - Product Information**

Host	Goat
Conjugate	Unconjugated
Target Species	Rhizopus
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Anti-Glucoamylase Antibody has been tested by western blot and is suitable to be assayed against 1.0 µg of Glucoamylase [Rhizopus] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat 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 1:5,000 to 1:25,000 of the reconstitution concentration is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Glucoamylase [Rhizopus]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Preservative	0.01% (w/v) Sodium Azide

**Anti-GLUCOAMYLASE (GOAT) Antibody - Additional Information****Purity**

Anti-Glucoamylase 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-Goat Serum as well as purified and partially purified Glucoamylase [Rhizopus]. Cross reactivity against Glucoamylase from other sources is unknown.

**Storage Condition**

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.

**Precautions Note**

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

### **Anti-GLUCOAMYLASE (GOAT) Antibody - Protein Information**

**Name** AMYG

### **Anti-GLUCOAMYLASE (GOAT) 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-GLUCOAMYLASE (GOAT) Antibody - Images**

### **Anti-GLUCOAMYLASE (GOAT) Antibody - Background**

Rhizopus glucoamylase exists in multiple forms, Gluc 1, Gluc 2, and Gluc 3, all of which hydrolyze gelatinized starch at similar rates, but only the largest one (Gluc 1) is able to adsorb raw starch. Hydrolysis of terminal (1->4)-linked alpha-D-glucose residues successively from non-reducing ends of the chains with release of beta-D-glucose.