

**Anti-GLUCOAMYLASE (GOAT) Antibody Biotin Conjugated**  
**Glucoamylase Antibody Biotin Conjugated**  
**Catalog # ASR4053****Specification**

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**Anti-GLUCOAMYLASE (GOAT) Antibody Biotin Conjugated - Product Information**

Host	Goat
Conjugate	Biotin
Target Species	Rhizopus
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Anti-Glucoamylase biotin has been tested by ELISA and western blot. This product is assayed against 1.0 µg of Glucoamylase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:15,000 to 1:75,000 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)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide

**Anti-GLUCOAMYLASE (GOAT) Antibody Biotin Conjugated - 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-Biotin, 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 Biotin Conjugated - Protein Information**

**Name** AMYG

**Anti-GLUCOAMYLASE (GOAT) Antibody Biotin Conjugated - 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 Biotin Conjugated - Images****Anti-GLUCOAMYLASE (GOAT) Antibody Biotin Conjugated - Background**

Anti-Glucoamylase antibody recognizes the enzyme glucoamylase. The catalytic domain of glucoamylase hydrolyzes terminal 1,4- $\alpha$ -D-glucose from non-reducing ends and releases beta-glucose.