

## Product datasheet for **TA396646S**

### amyA Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>WB:</b> 1:500 - 1:3,000 <b>ELISA:</b> 1:5,000 - 1:25,000
Reactivity:	Rhizopus
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Glucoamylase [Rhizopus]
Specificity:	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.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/ml - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	<u><a href="#">P07683</a></u>
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.



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**Synonyms:** goat anti-Glucoamylase Antibody, 1 4 alpha D glucan glucohydrolase antibody, Amyloglucosidase antibody, Gluc 1 antibody, Gluc 2 antibody, Gluc 3 antibody, Glucan 1 4 alpha glucosidase antibody, Glucan 14 alpha glucosidase antibody

**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.

### Product images:



Western Blot of Goat Anti-Glucoamylase Antibody. Lane 1: Molecular Weight Marker. Lane 2: detection of Anti-Glucoamylase Antibody.