

Product datasheet for **TA396981S**

gox Rabbit Polyclonal Antibody

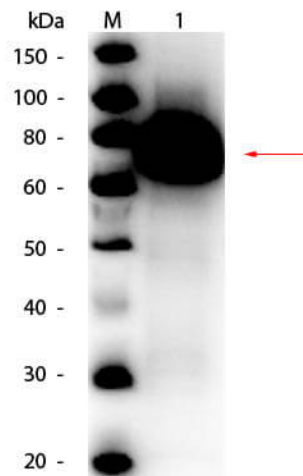
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1:1,000 - 1:5,000 IHC: 1:500 - 1:2,500 ELISA: 1:5,000 - 1:25,000
Reactivity:	Aspergillus niger
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Glucose Oxidase [Aspergillus niger]
Specificity:	Glucose Oxidase 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-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Glucose Oxidase [Aspergillus niger]. Cross reactivity against Glucose Oxidase from other tissues and species may occur but has not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	HRP
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:	P13006



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- Background:** Glucose Oxidase is an oxido-reductase that catalyzes the oxidation of glucose to hydrogen peroxide and D-glucono- δ -lactone. In cells, it aids in breaking the sugar down into its metabolites, used for the determination of free glucose in body fluids, and has many applications in biotechnologies.
- Synonyms:** rabbit anti-Glucose Oxidase Antibody Peroxidase Conjugation, HRP Conjugated rabbit anti-Glucose Oxidase Antibody, Beta D Glucose Oxygen 1 Oxido Reductase antibody, Glucose oxidase (Precursor) antibody, Glucose Oxyhydrase antibody, GOD antibody
- Note:** Anti-Glucose Oxidase Peroxidase Conjugated Antibody has been tested by ELISA and western blot and is useful in Immunohistochemistry. Optimal titers should be obtained by researcher.

Product images:

Western Blot of Rabbit anti-Glucose Oxidase Antibody Peroxidase Conjugated. Lane 1: Glucose Oxidase. Load: 50 ng per lane. Primary antibody: Rabbit anti-Glucose Oxidase Antibody Peroxidase Conjugated at 1:1,000 overnight at 4°C. Secondary antibody: n/a. Block: MB-070 for 30 min at RT. Predicted/Observed size: 66 kDa, 66 kDa for Glucose Oxidase. Detected using FEMTOMAX-110 substrate.