

## Rabbit Glucose Oxidase Polyclonal Antibody | anti-gox antibody

Glucose Oxidase antibody

|                              |                       |                                                        |                                                                  |
|------------------------------|-----------------------|--------------------------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA74921</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Aspergillus niger glucose oxidase</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, ELISA</b> |
|------------------------------|-----------------------|--------------------------------------------------------|------------------------------------------------------------------|

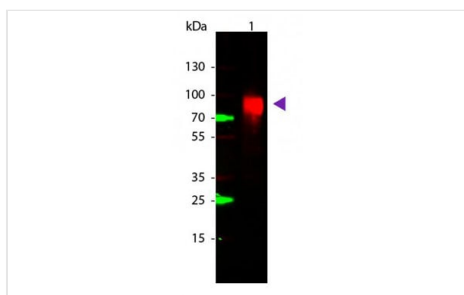
### PRODUCT SYNONYMS

Glucose Oxidase; Polyclonal Antibody; Glucose Oxidase antibody; Polyclonal Glucose Oxidase; Anti-Glucose Oxidase; Glucose Oxyhydrase; Glucose oxidase (Precursor); beta D Glucose Oxygen 1 Oxido Reductase; GOD; anti-gox antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                      |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                               |
| Reactivity                                    | Aspergillus niger glucose oxidase                                                                                                                                                                                    |
| Clonality                                     | Polyclonal                                                                                                                                                                                                           |
| Specificity                                   | Aspergillus niger glucose oxidase                                                                                                                                                                                    |
| Purity/Purification                           | Glucose Oxidase antibody was purified by ion exchange chromatography followed by dialysis.                                                                                                                           |
| Form/Format                                   | Lyophilized from 0.02M K3PO4, pH 7.2, with 0.15M NaCl, and 0.01% NaN3.                                                                                                                                               |
| Sequence Length                               | 32                                                                                                                                                                                                                   |
| Applicable Applications for anti-gox antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                                                                 |
| Biological Significance                       | The glucose oxidase enzyme (GOx) is an oxido-reductase that catalyses the oxidation of glucose to hydrogen peroxide and D-glucono- Delta-lactone. In cells, it aids in breaking the sugar down into its metabolites. |
| Biohazard Information                         | This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.                                                     |
| Immunogen                                     | Glucose oxidase antibody was raised in rabbit using glucose oxidase isolated from Aspergillus niger as the immunogen.                                                                                                |
| Preparation and Storage                       | Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.                  |

### IMAGES



#### WB (Western Blot)

Western Blot of Glucose Oxidase antibody. Lane 1: Glucose Oxidase. Lane 2: None. Load: 50 ng per lane. Glucose Oxidase antibody at 1:1,000 for overnight at 4 deg C. DyLight649 rabbit secondary antibody at 1:20,000 for 30 min at RT. Block: Blocking buffer for 30 min at RT. Size: 80 kDa, 80 kDa for Glucose Oxidase from Aspergillus niger..

ADDITIONAL INFORMATION

|                                                   |                                                                                    |
|---------------------------------------------------|------------------------------------------------------------------------------------|
| Related Product Information for anti-gox antibody | Rabbit polyclonal Glucose Oxidase antibody                                         |
| Product Categories/Family for anti-gox antibody   | <a href="#">Proteases</a> ; <a href="#">Inhibitors</a> ; & <a href="#">Enzymes</a> |

NCBI AND UNIPROT INFORMATION

|                            |                          |
|----------------------------|--------------------------|
| NCBI GI #                  | <a href="#">2355</a>     |
| UniProt Accession #        | <a href="#">P13006</a>   |
| Molecular Weight           | 65,638 Da                |
| NCBI Official Full Name    | glucose oxidase, partial |
| UniProt Protein Name       | Glucose oxidase          |
| UniProt Gene Name          | <b>gox</b>               |
| UniProt Synonym Gene Names | GOD                      |
| UniProt Entry Name         | GOX_ASPNG                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/glucose-oxidase-antibody-western-blot-immunohistochemistry-elisa/74921>