

Rabbit Glucose Oxidase Polyclonal Antibody | anti-gox antibody

Glucose Oxidase antibody

CATALOG # AAA74921	HOST Rabbit	REACTIVITY Aspergillus niger glucose oxidase	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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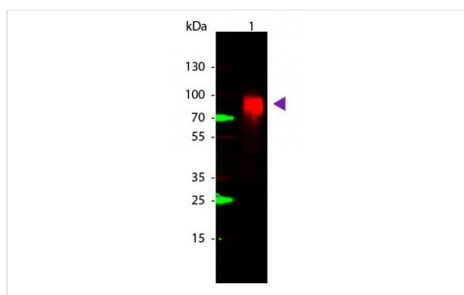
PRODUCT SYNONYMS

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	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	2355
UniProt Accession #	P13006
Molecular Weight	65,638 Da
NCBI Official Full Name	glucose oxidase, partial
UniProt Protein Name	Glucose oxidase
UniProt Gene Name	gox
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glucose-oxidase-antibody-western-blot-immunohistochemistry-elisa/74921>