

Product datasheet for **AP09068HR-N**

Glucose Oxidase Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Western blot: 1/1,000-1/5,000. ELISA: 1/4,000 to 1/20,000. Immunohistochemistry: Paraffin (FFPE) or Frozen sections; 1/100 suggested to begin.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Glucose Oxidase from <i>Aspergillus niger</i>
Specificity:	This antibody reacts to Glucose Oxidase. Immuno-electrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum as well as purified and partially purified Glucose Oxidase [<i>Aspergillus niger</i>]. 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 Label: HRP State: Purified State: Lyophilized Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Gentamicin sulfate (Do NOT add Sodium azide!) Label: Horseradish peroxidase
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	HRP
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.



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Stability:	Shelf life: one year from despatch.
Database Link:	P13006
Background:	Glucose Oxidase is widely used for the determination of glucose in body fluids and in removing residual glucose or oxygen from foods and beverages. Glucose Oxidase producing moulds such as <i>Aspergillus</i> and <i>Penicillium</i> species are used for the biological production of gluconic acid.
Synonyms:	Glucose oxyhydrase, Beta-D-glucose:oxygen 1-oxido-reductase, gox