

## Product datasheet for **AP09102AF-N**

### Glucose Oxidase Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	Western Blot. Dot Blot. ELISA: 1/1000 to 1/5000. Immunoprecipitation.
Reactivity:	Human
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Glucose Oxidase [Aspergillus niger]
Specificity:	This antibody reacts to Glucose Oxidase.
Formulation:	0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4 State: Azide Free State: Lyophilized
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P13006</a>



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- 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 *Aspergillus* and *Penicillium* species are used for the biological production of gluconic acid.  
CATALYTIC ACTIVITY:  $\text{Beta D glucose} + \text{O}_2 = \text{D glucono 1,5 lactone} + \text{H}_2\text{O}_2$ .
- Synonyms:** Glucose oxyhydrase, Beta-D-glucose:oxygen 1-oxido-reductase, gox