

AP21259BT-N**Polyclonal Antibody to Glucose Oxidase - Biotin**

Alternate names:	Beta-D-glucose:oxygen 1-oxido-reductase, Glucose oxyhydrase, gox
Quantity:	1 ml
Concentration:	10 mg/ml
Uniprot ID:	P13006
NCBI:	5061
Host / Isotype:	Rabbit / IgG
Immunogen:	Glucose Oxidase isolated and purified from <i>Aspergillus niger</i> . Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilized hyperimmune IgG fraction Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography Buffer System: PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin <i>Molar Ratio:</i> Biotin/ IgG ~5.0 Reconstitution: Restore by adding 0.5 ml of sterile distilled water
Applications:	This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques). <u>Working Dilutions:</u> Non-precipitating antibody-binding techniques: 1/1,000-1/50,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Glucose Oxidase from <i>Aspergillus niger</i> . The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immuno-electrophoresis, Cross-Immuno-electrophoresis, Single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and enzyme inhibition. Cross-reactivities against enzymes of other sources may occur but have not been determined. Species: <i>Aspergillus niger</i> . Other species not tested.
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. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Avoid repeated freezing and thawing. Shelf life: one year from despatch.