

Product datasheet for **AP21372BT-N**

PGAM2 Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IP, R, WB
Recommended Dilution:	Can be used in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and immunofluorescence or histochemical techniques). <u>Recommended working dilutions:</u> vary widely, but may be between 1/100 and 1/1,000.
Reactivity:	Rabbit
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Phosphoglyceric mutase isolated and purified from rabbit muscle. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Biotin-conjugated IgG fraction of polyclonal sheep antiserum to phosphoglyceric mutase from rabbit muscle. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: immunoelectrophoresis, cross-immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), block titration, ELISA, immunoblotting and enzyme inhibition.
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin State: Lyophilized hyperimmune IgG fraction Label: <u>Marker:</u> N-Hydroxysuccinimidobiotin. <u>Conjugation procedure:</u> A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilised to assure stability and long shelf life Molar ratio: Biotin/IgG ~6.6
Reconstitution Method:	Restore by adding 1.0 ml of sterile distilled water
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
Conjugation:	Biotin



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Storage:	Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phosphoglycerate mutase 2
Database Link:	Entrez Gene 5224 Human P15259
Synonyms:	PGAM 2, Phosphoglycerate mutase 2, PGAMM, PGAM-M
Protein Families:	Druggable Genome
Protein Pathways:	Glycolysis / Gluconeogenesis, Metabolic pathways