

**AP21370BT-N****Polyclonal Antibody to Glucose-6-phosphate isomerase (PGI1) - Biotin**

<b>Alternate names:</b>	NLK, Neuroleukin, PGI1, PHI, Phosphoglucose isomerase, Phosphohexose isomerase
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	10,0 mg/ml
<b>Uniprot ID:</b>	<a href="#">P12709</a>
<b>NCBI:</b>	<a href="#">NP_009755</a>
<b>GeneID:</b>	<a href="#">852495</a>
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Phosphoglucose isomerase isolated and purified from baker's yeast. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Format:</b>	<b>State:</b> Lyophilized hyperimmune IgG fraction <b>Purification:</b> Ammonium Sulphate Precipitation and Ion Exchange Chromatography <b>Buffer System:</b> PBS, pH 7.2 without preservatives and foreign proteins <b>Label:</b> Biotin – <b>Marker:</b> N-Hydroxysuccinimidobiotin. <b>Conjugation procedure:</b> 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 <i>Molar Ratio:</i> Biotin/IgG ~5.0 <b>Reconstitution:</b> Restore by adding 1.0 ml of sterile distilled water
<b>Applications:</b>	Can be used for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and immunofluorescence or histochemical techniques). <b>Recommended working dilutions:</b> vary widely, but may be between 1/1000 and 1/5000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Biotin-conjugated IgG fraction of polyclonal rabbit antiserum to phosphoglucose isomerase from baker's yeast. 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.
<b>Storage:</b>	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. Shelf life: one year from despatch.