

**PGK1 polyclonal antibody**

Catalog: BZ16540

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

The PGK1 gene encodes phosphoglycerate kinase-1, also known as ATP:3-phosphoglycerate 1-phosphotransferase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. It belongs to the phosphoglycerate kinase family and defects in PGK1 are the cause of phosphoglycerate kinase 1 deficiency (PGK1D).

**Product:**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Molecular Weight:**

Calculated MW: 45 kDa; Observed MW: 45 kDa

**Swiss-Prot:**

P00558

**Purification&Purity:**

Affinity Purified

**Applications:**

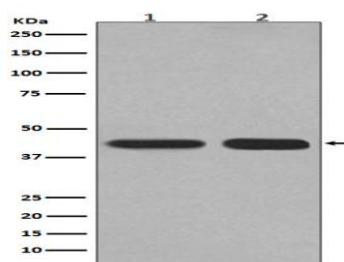
WB: 1/500-1/1000 IF: 1/50-1/200 FC: 1/50-1/100

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of PGK1 in HepG2 lysates; mouse kidney lysates using PGK1 antibody.

Western blot analysis of PGK1 in SKOV-3, Jurkat, U251, PC-3 and Hela lysates using PGK1 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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