

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000

Protein Background:

Also known as ATP:3-phosphoglycerate 1-phosphotransferase, this major enzyme in glycolysis catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate, generating one molecule of ATP. In addition to its role as a glycolytic enzyme, PGK-1 appears to act as a polymerase alpha cofactor protein. Defects in PGK1 are generally associated with chronic hemolytic anemia.

Gene ID:

PGK1

Uniprot

P00558

Synonyms:

Phosphoglycerate kinase 1 (EC 2.7.2.3) (Cell migration-inducing gene 10 protein) (Primer recognition protein 2) (PRP 2), PGK1, PGKA

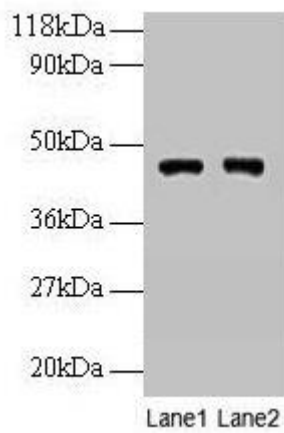
Immunogen:

Recombinant Human Phosphoglycerate kinase 1 protein (25-417AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Western blot

All lanes: PGK1 antibody at 2 μ g/ml

Lane 1: EC109 whole cell lysate

Lane 2: 293T whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/15000 dilution

Predicted band size: 45, 42 kDa

Observed band size: 45 kDa