

Phosphoglycerate kinase 1 Polyclonal Antibody

Catalog No: #42053

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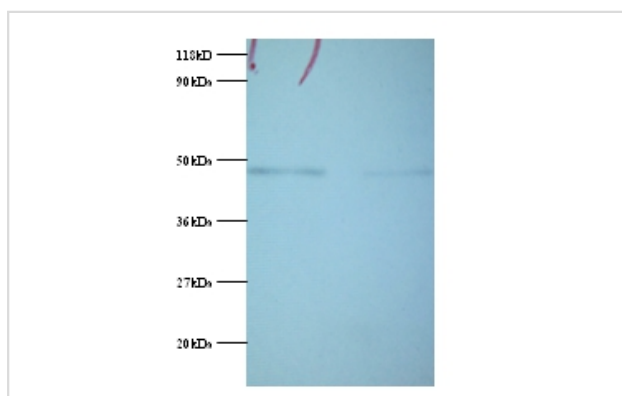
Description

Product Name	Phosphoglycerate kinase 1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total Phosphoglycerate kinase 1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Phosphoglycerate kinase 1 protein
Target Name	Phosphoglycerate kinase 1
Other Names	PGK1
Accession No.	Swiss-Prot#: P00558
Uniprot	P00558
GeneID	5230;
Calculated MW	46kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



All lanes : Phosphoglycerate kinase 1 antibody at 2ug/ml
 Lane 1 : EC109 whole cell lysate
 Lane 2 : 293T whole cell lysate
 Goat polyclonal to Rabbit IgG at 1/15000 dilution
 Predicted band size : 46kDa
 Observed band size: 46kDa

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.

References

[1] "Isolation and DNA sequence of a full-length cDNA clone for human X chromosome-encoded phosphoglycerate kinase." Michelson A.M., Markham A.F., Orkin S.H. Proc. Natl. Acad. Sci. U.S.A. 80:472-476(1983) [2] "Structure of the human phosphoglycerate kina

Note: This product is for in vitro research use only