
Product Name: PGK1 Rabbit Polyclonal Antibody**Catalog #: APRab03718**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,FC 1:50-1:100
Molecular Weight	Calculated MW: 45 kDa; Observed MW: 45 kDa

Antigen Information

Gene Name	PGK1
Alternative Names	PGKA; MIG10; HEL-S-68p
Gene ID	5230
SwissProt ID	P00558
Immunogen	A synthetic peptide of human PGK1

Background

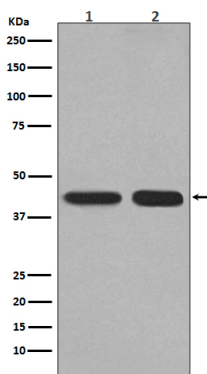
The PGK1 gene encodes phosphoglycerate kinase-1, also known as ATP:3-phosphoglycerate 1-phosphotransferase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis,

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).

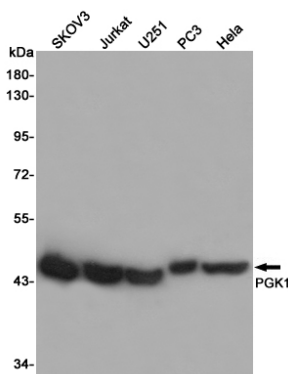
Research Area

Cardiovascular

Image Data



Western blot analysis of PGK1 in (1) HepG2 lysates; (2) mouse kidney lysates using PGK1 antibody.



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