Product Name: PGK1 Rabbit Polyclonal Antibody
Catalog #: APRab03718

Summary

Production Name	PGK1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	PGK1
Alternative Names	PGKA; MIG10; HEL-S-68p
Gene ID	5230
SwissProt ID	P00558.

Application

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

Background

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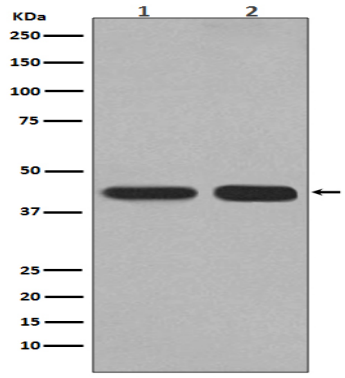
The PGK1 gene encodes phosphoglycerate kinase-1, also known as ATP:3-phosphoglycerate 1-phosphotransferase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. It Belongs to the phosphoglycerate kinase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

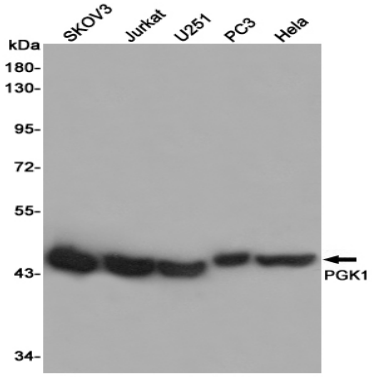
Research Area

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.

Note

For research use only.