

PGK1 rabbit pAb

Catalog No :	YT8080
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	PGK1
Gene Name :	PGK1 PGKA MIG10 OK/SW-cl.110
Protein Name :	Phosphoglycerate kinase 1 (EC 2.7.2.3) (Cell migration-inducing gene 10 protein) (Primer recognition protein 2) (PRP 2)
Human Gene Id :	5230
Human Swiss Prot No :	P00558
Mouse Gene Id :	18655
Mouse Swiss Prot No :	P09411
Rat Gene Id :	24644
Rat Swiss Prot No :	P16617
Immunogen :	Synthesized peptide derived from human N-terminal PGK1
Specificity :	This antibody detects endogenous levels of PGK1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 46kD**Function :** Catalyzes one of the two ATP producing reactions in the glycolytic pathway via the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate . In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein) . May play a role in sperm motility .**Subcellular Location :** Cytoplasm.**Expression :** Mainly expressed in spermatogonia. Localized on the principle piece in the sperm (at protein level). Expression significantly decreased in the testis of elderly men.

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