

## PGK1 rabbit pAb

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

<b>Concentration :</b>	<u>1 mg/ml</u>
<b>Storage Stability :</b>	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
<b>Molecularweight :</b>	<u>46kD</u>
<b>Function :</b>	<u>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 .</u>
<b>Subcellular Location :</b>	<u>Cytoplasm.</u>
<b>Expression :</b>	<u>Mainly expressed in spermatogonia. Localized on the principle piece in the sperm (at protein level). Expression significantly decreased in the testis of elderly men.</u>

## Products Images