

PGK1 Antibody (YA862)

Cat. No.:	HY-P80784A
Host:	Rabbit
Reactivity:	Human,Mouse,Rat
Conjugation:	Non-conjugated
SwissProt ID:	P00558
Research Field:	Cardiovascular
Molecular Weight:	Predicted band size: 45 kDa

PROPERTIES

Formulation	Supplied in phosphate buffered saline, 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA							
Purity	affinity purified							
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.							
Appearance	Liquid							
Application & Dilution Ratio	<table> <thead> <tr> <th>Application</th> <th>Dilution Ratio</th> </tr> </thead> <tbody> <tr> <td>WB</td> <td>1/500-1/1000</td> </tr> <tr> <td>IF</td> <td>1/50-1/200</td> </tr> </tbody> </table>	Application	Dilution Ratio	WB	1/500-1/1000	IF	1/50-1/200	
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WB	1/500-1/1000							
IF	1/50-1/200							
Shipping	Shipping with blue ice.							

DESCRIPTION

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).
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Caution: Product has not been fully validated for medical applications. For research use only.

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