

Product datasheet for **TA335403**

PGK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-PGK2 Antibody: synthetic peptide directed towards the C terminal of human PGK2. Synthetic peptide located within the following region: ITVIGGGDTATCCAkwntedKVSHVSTGGGASLELLEGGKILPGVEALSNM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	46 kDa
Gene Name:	phosphoglycerate kinase 2
Database Link:	NP_620061 Entrez Gene 18663 Mouse Entrez Gene 5232 Human P07205



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Background:

PGK2 is a testis-specific form of phosphoglycerate kinase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. The PGK2 gene encodes a testis-specific form of phosphoglycerate kinase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. See also PGK1 (MIM 311800), which is ubiquitously expressed in all somatic tissues and maps to chromosome Xq13. [supplied by OMIM]. Sequence Note: removed 3 bases from the 5' end that did not align to the reference genome assembly. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1675 BC038843.1 4-1678

Synonyms:

dj417L20.2; HEL-S-272; PGKB; PGKPS

Note:

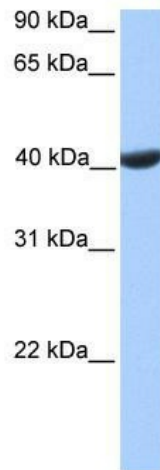
Immunogen Sequence Homology: Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Rat: 93%; Horse: 93%; Zebrafish: 86%; Dog: 85%; Sheep: 85%; Bovine: 85%

Protein Families:

Druggable Genome

Protein Pathways:

Glycolysis / Gluconeogenesis, Metabolic pathways

Product images:

WB Suggested Anti-PGK2 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Placenta