

Product datasheet for TA344412

BPGM Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-BPGM antibody: synthetic peptide directed towards the C terminal of human BPGM. Synthetic peptide located within the following region: LPTGVPIILLELDENLRAVGPHQFLGDQEAIQAAIKKVEDQGKVKQAKK
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:	28 kDa
Gene Name:	bisphosphoglycerate mutase
Database Link:	NP_001715 Entrez Gene 669 Human P07738
Background:	BPGM belongs to the phosphoglycerate mutase family, BPG-dependent PGAM subfamily. It plays a major role in regulating hemoglobin oxygen affinity as a consequence of controlling 2,3-BPG concentration. It can also catalyze the reaction of EC 5.4.2.1 (mutase) and EC 3.1.3.13 (phosphatase), but with a reduced activity.
Synonyms:	DPGM



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Note: Immunogen Sequence Homology: Pig: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 93%; Dog: 92%; Rat: 92%

Protein Families: Druggable Genome

Protein Pathways: Glycolysis / Gluconeogenesis, Metabolic pathways

Product images:



WB Suggested Anti-BPGM Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Human heart