

## Product datasheet for **TA369268**

### PGAM2 Rabbit Polyclonal Antibody

#### Product data:

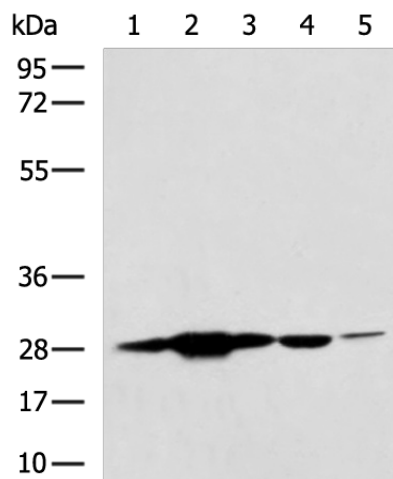
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T cell, Human heart tissue, HepG2 cell, Jurkat and NIH/3T3 cell lysates IHC: 100-300 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PGAM2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	29 kDa
Gene Name:	phosphoglycerate mutase 2
Database Link:	<a href="#">Entrez Gene 5224 Human P15259</a>
Background:	Phosphoglycerate mutase (PGAM) catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. The PGAM is a dimeric enzyme containing, in different tissues, different proportions of a slow-migrating muscle (MM) isozyme, a fast-migrating brain (BB) isozyme, and a hybrid form (MB). This gene encodes muscle-specific PGAM subunit. Mutations in this gene cause muscle phosphoglycerate mutase deficiency, also known as glycogen storage disease X. [provided by RefSeq, Sep 2009]



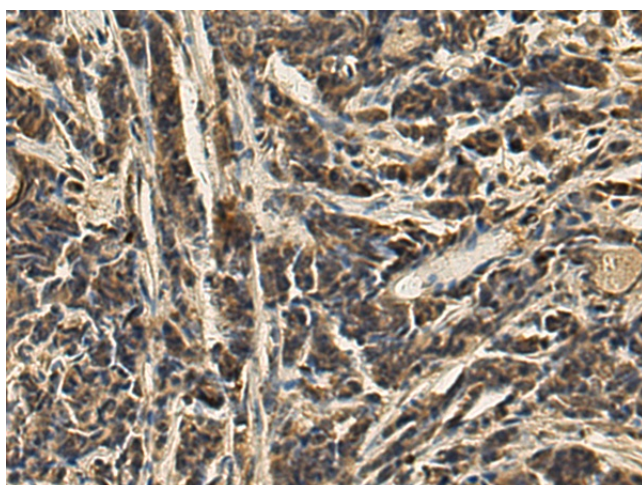
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Synonyms: GSD10; MGC88743; PGAM-M; PGAMM

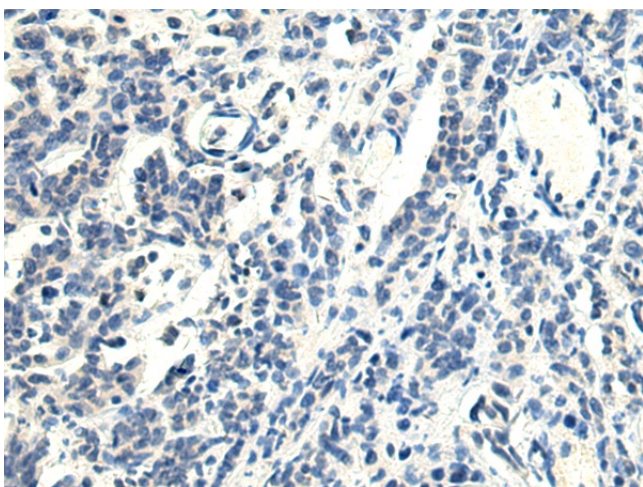
**Product images:**



Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-5: 293T cell  
 Human heart tissue  
 HepG2 cell  
 Jurkat and NIH/3T3 cell lysates  
 Primary antibody: TA369268 (PGAM2 Antibody) at dilution 1/800  
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
 Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA369268 (PGAM2 Antibody) at dilution 1/120 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA369268 (PGAM2 Antibody) at dilution 1/120, treated with fusion protein. (Original magnification: ×200)