

Product datasheet for **TA366677S**

PGM1 Rabbit Polyclonal Antibody

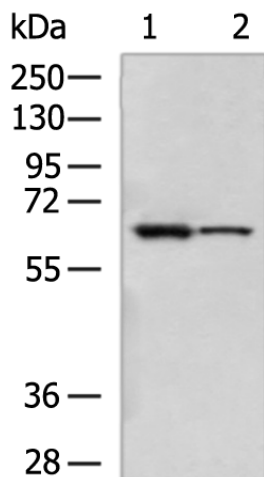
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse liver tissue, Mouse skeletal muscle tissue lysates
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PGM1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	61 kDa
Gene Name:	phosphoglucomutase 1
Database Link:	Entrez Gene 5236 Human P36871
Background:	The protein encoded by this gene is an isozyme of phosphoglucomutase (PGM) and belongs to the phosphohexose mutase family. There are several PGM isozymes, which are encoded by different genes and catalyze the transfer of phosphate between the 1 and 6 positions of glucose. In most cell types, this PGM isozyme is predominant, representing about 90% of total PGM activity. In red cells, PGM2 is a major isozyme. This gene is highly polymorphic. Mutations in this gene cause glycogen storage disease type 14. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.
Synonyms:	GSD14



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Product images:



Gel: 8%SDS-PAGE

Lysate: 40 μ g

Lane 1-2: Mouse liver tissue

Mouse skeletal muscle tissue lysates

Primary antibody: [TA366677] (PGM1 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 10 seconds