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anti-Phosphoglucomutase 1 antibody



Image



Go to Product page

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Quantity:	200 μL
Target:	Phosphoglucomutase 1 (PGM1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosphoglucomutase 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human PGM1 (NP_002624.2).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	Phosphoglucomutase 1 (PGM1)	
Alternative Name:	PGM1 (PGM1 Products)	
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	

Target Details

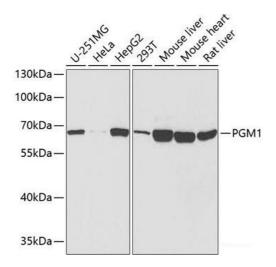
	PGM activity. In red cells, PGM2 is a major isozyme. This gene is highly polymorphic. Mutations in this gene cause glycogen storage disease type 14. Alternativley spliced transcript variants encoding different isoforms have been identified in this gene.
Molecular Weight:	Observed_MW: 61 kDa Calculated_MW: 40 kDa/61 kDa/63 kDa
Gene ID:	5236
UniProt:	P36871
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using PGM1 Polyclonal Antibody at dilution of 1:1000.