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Datasheet for ABIN2788729

## anti-Phosphoglucomutase 5 antibody (N-Term)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Phosphoglucomutase 5 (PGM5)
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Guinea Pig, Mouse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosphoglucomutase 5 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PGM5
Sequence:	IPVLTVP TAP YEDQRPAGGG GLRRPTGLFE GQRNYLPNFI QSVLSSIDLR
Predicted Reactivity:	Cow: 100%, Guinea Pig: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against PGM5. It was validated on Western Blot.
Purification:	Affinity Purified

#### Target Details

Target:	Phosphoglucomutase 5 (PGM5)
Alternative Name:	PGM5 ( <a href="#">PGM5 Products</a> )
Background:	Phosphoglucomutases (EC 5.2.2.2.), such as PGM5, are phosphotransferases involved in

## Target Details

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interconversion of glucose-1-phosphate and glucose-6-phosphate. PGM activity is essential in formation of carbohydrates from glucose-6-phosphate and in formation of glucose-6-phosphate from galactose and glycogen.

Alias Symbols: PGMRP

Protein Interaction Partner: SUMO2, VCL, DMD, UTRN,

Protein Size: 506

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Molecular Weight: 56 kDa

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Gene ID: 5239

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NCBI Accession: [NM\\_021965](#), [NP\\_068800](#)

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UniProt: [Q15124](#)

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Pathways: [Cellular Glucan Metabolic Process](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 506 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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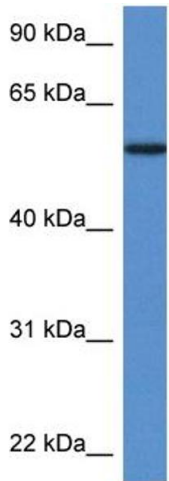
Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-PGM5 Antibody  
Catalog Number: ARP61230  
Lot Number: QC31951  
Lane: Fetal Heart Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

### Western Blotting

Image 1.