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anti-Phosphoglucomutase 3 antibody (N-Term)

2 Images



Overview

Quantity:	100 μL
Target:	Phosphoglucomutase 3 (PGM3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosphoglucomutase 3 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 PGM3
Sequence:	IDISEKEAVN LQQDAFVVIG RDTRPSSEKL SQSVIDGVTV LGGQFHDYGL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against PGM3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	Phosphoglucomutase 3 (PGM3)

Target Details

Alternative Name:	PGM3 (PGM3 Products)
Background:	PGM3 interconverts GlcNAc-6-P and GlcNAc-1-P.
	Alias Symbols: AGM1, DKFZp434B187, PAGM, PGM 3
	Protein Interaction Partner: UBC, DCP2, NEDD8, BAG3, APP, SPRTN, CUL3,
	Protein Size: 542
Molecular Weight:	60 kDa
Gene ID:	5238
NCBI Accession:	NM_015366, NP_056414
UniProt:	095394

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 542 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.

90 kDa__ 65 kDa__ 40 kDa__ 22 kDa__ 90 kDa__ 65 kDa__ 40 kDa__ 41 kDa__ 22 kDa__ 23 kDa__ 24 kDa__ 24 kDa__ 24 kDa__ 25 kDa__ 25

Western Blotting

Image 1. WB Suggested Anti-PGM3 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

Western Blotting

Image 2. WB Suggested Anti-PGM3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: HepG2 cell lysate

PGM3 is strongly supported by BioGPS gene expression

data to be expressed in Human HepG2 cells