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Datasheet for ABIN2786674 anti-Phosphoglucomutase 1 antibody (Middle Region)



1 Publication



Overview

Quantity:	100 µL
Target:	Phosphoglucomutase 1 (PGM1)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosphoglucomutase 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PGM1
Sequence:	ATIRLYIDSY EKDVAKINQD PQVMLAPLIS IALKVSQLQE RTGRTAPTVI
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against PGM1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

Target:

Phosphoglucomutase 1 (PGM1)

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Target Details	
Alternative Name:	PGM1 (PGM1 Products)
Background:	PGM1 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 ce Alias Symbols: GSD14 Protein Interaction Partner: FUS, UBC, PAXIP1, FUBP1, TALDO1, MDH1, FH, APP, GRHPR, NIT2, PGM2, USP4, TERF2IP, TINF2, POT1, TERF1, UBA5, S100B, S100A1, Protein Size: 562
Molecular Weight:	61 kDa
Gene ID:	5236
NCBI Accession:	NM_002633, NP_002624
UniProt:	P36871
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 562 AA
Restrictions:	For Research Use only

Handling

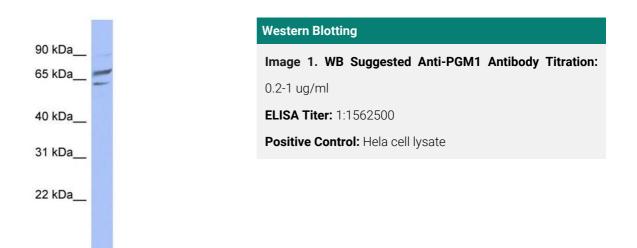
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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

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Publications

Product cited in:Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor,
Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha,
Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass
spectrometry. ..." in: Molecular systems biology, Vol. 3, pp. 89, (2007) (PubMed).

Validation report #103654 for Western Blotting (WB)



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