

Datasheet for ABIN2786884

anti-Phosphoglucomutase 3 antibody (Middle Region)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Phosphoglucomutase 3 (PGM3)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse, Saccharomyces cerevisiae
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 middle region of human PGM3
Sequence:	GVVQTAYANG SSTRYLEEVM KVPVYCTKTG VKHLHHKAQE FDIGVYFEAN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 93%, Zebrafish: 93%
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)
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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_015599 , NP_056414
UniProt:	O95394

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.



Western Blotting

Image 1. WB Suggested Anti-PGM3 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: HepG2 cell lysate

Western Blotting

Image 2. WB Suggested Anti-PGM3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: HepG2 cell lysate

PGM3 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells