

Rabbit anti-Human, Pig Phosphoglucomutase 1 Polyclonal Antibody | anti-PGM1 antibody

Phosphoglucomutase 1 (PGM1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21030	Rabbit	Human, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

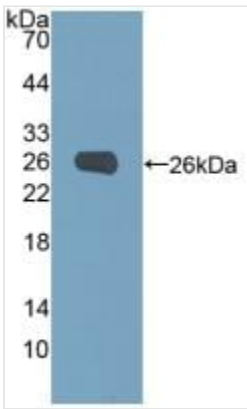
PRODUCT SYNONYMS

Phosphoglucomutase 1; Polyclonal Antibody; Phosphoglucomutase 1 (PGM1) Polyclonal Antibody; Glucose phosphomutase 1; anti-PGM1 antibody

PRODUCT SPECIFICATIONS

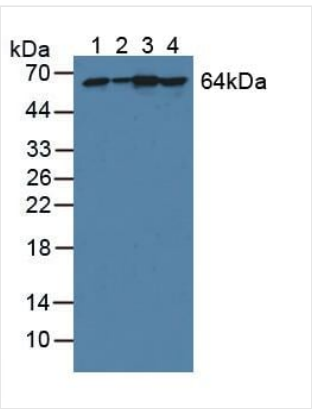
Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PGM1. It has been selected for its ability to recognize PGM1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-PGM1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western Blot: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Pig
Organism Species	Human
Fragment	PGM1 (Met1~Lys235)
Quality Control	Content: The quality control contains recombinant PGM1 (Met1~Lys235) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: PGM1 knockout HeLa cell lysate; Predicted MW: 64,61,40kd Observed MW: 64kd Primary Ab: 1ug/ml Rabbit Anti-Human PGM1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human HeLa Cells; Lane2: Human 293T Cells; Lane3: Porcine Liver Tissue; Lane4: Porcine Heart Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PGM1 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	290463102
NCBI GeneID	5236
NCBI Accession #	NP_001166289.1
NCBI GenBank Nucleotide #	NM_001172818.1
UniProt Accession #	P36871; Q16105; Q16106; Q5BKZ9; Q6NW22; Q86U74; Q96J40; Q9NTY4; B2R5N9; B4DPV0
Molecular Weight	40,283 Da
NCBI Official Full Name	phosphoglucomutase-1 isoform 2
NCBI Official Synonym Full Names	phosphoglucomutase 1
NCBI Official Symbol	PGM1
NCBI Official Synonym Symbols	CDG1T; GSD14
NCBI Protein Information	phosphoglucomutase-1
UniProt Protein Name	Phosphoglucomutase-1
UniProt Gene Name	PGM1
UniProt Synonym Gene Names	PGM 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phosphoglucomutase-1-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/21030>