

Rabbit PGM1 Polyclonal Antibody | anti-PGM1 antibody

PGM1 antibody

CATALOG # AAA303029	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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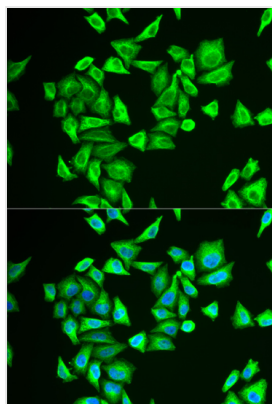
PRODUCT SYNONYMS

PGM1; Polyclonal Antibody; PGM1 antibody; CDG1T; GSD14; anti-PGM1 antibody

PRODUCT SPECIFICATIONS

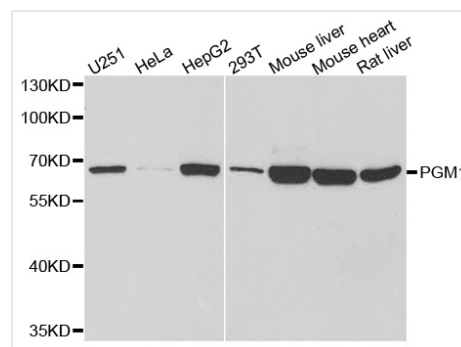
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PGM1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	580
Applicable Applications for anti-PGM1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PGM1.
Target Name	PGM1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PGM1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PGM1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PGM1 antibody	The protein encoded by this gene 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 cell types, this PGM isozyme is predominant, representing about 90% of total PGM activity. In red cells, PGM2 is a major isozyme. This gene is highly polymorphic. Mutations in this gene cause glycogen storage disease type 14. Alternativley spliced transcript variants encoding different isoforms have been identified in this gene.
Product Categories/Family for anti-PGM1 antibody	Total protein Ab

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
UniProt Entry Name	PGM1_HUMAN

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/pgm1-antibody-immunofluorescence-western-blot-elisa/303029>