

Rabbit anti-Human, Mouse PGM1 Polyclonal Antibody | anti-PGM1 antibody

PGM1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290622	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

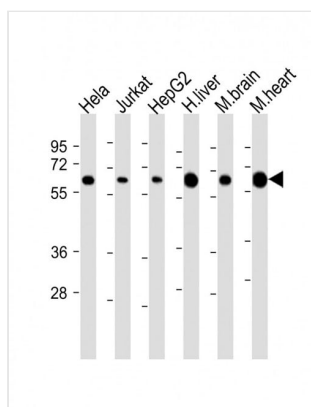
PRODUCT SYNONYMS

PGM1; Polyclonal Antibody; PGM1 Antibody (Center); Purified Rabbit Polyclonal Antibody (Pab); Phosphoglucomutase-1; PGM 1; Glucose phosphomutase 1; anti-PGM1 antibody

PRODUCT SPECIFICATIONS

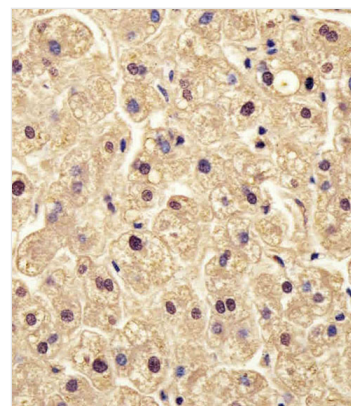
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Sequence Length	580
Applicable Applications for anti-PGM1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Antigen Type	Synthesized Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-PGM1 Antibody (Center) at 1:2000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: Jurkat whole cell lysate
Lane 3: HepG2 whole cell lysate
Lane 4: human liver lysate
Lane 5: mouse brain lysate
Lane 6: mouse heart lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 61 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.



IHC (Immunohistochemistry)

AP21905c staining PGM1 in human liver tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 degree C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PGM1 antibody

This enzyme participates in both the breakdown and synthesis of glucose.

Product Categories/Family for anti-PGM1 antibody	Crown Antibodies; Metabolism; Signal Transduction
References	Whitehouse D.B.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:411-415(1992). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Gregory S.G.,et al.Nature 441:315-321(2006). Putt W.,et al.Biochem. J. 296:417-422(1993).

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.