

DNAxPAb

Hard-to-Find
Antibody

PGM1 DNAxPab

Catalog # H00005236-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PGM1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVKIVTVKTQAYQDQKPGTSGLRKRVKVFQSSANYAENFIQSIIISTVEPAQRQEATLVVGGDGRFY MKEAIQLIARIAAANGIGRLVIGQNGILSTPAVSCIIRKIIKAIGGILTASHNPGGPNGDFGIKFNISNGGP APEAITDKIFQISKTIIEYAVCPDLKVDLGLVKGQQFDLENKFKPFTVEVDSVEAYATMLRSIFDFS ALKELLSGPNRLKIRIDAMHGVVGPYVKKILCEELGAPANSVNCVPLEDFGGHHPDPNLTYAADL VETMKSGEHDFGAAFDGDGRNMILGKHGFFVNPDSVAVIAANIFSIPYFQQTGVRGFARSMPT SGALDRVASATKIALYETPTGWKFFGNLMDASKLSLCGEESFGTGSDHIREKDGLWAVLAWLSIL ATRKQSVEDILKDHQKYGRNFFTRYDYEEVEAEGANKMMKDLEALMFDRSFVGKQFSANDKV YTVEKADNFEYSDDPVDGSISRNQGRLIFTDGSRI VFRLSGTGSAGATIRLYDSYEKDVAKINQDPQ VMLAPLISIALKVSQQLQERTGRTAPTIVT
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PGM1

Entrez GeneID [5236](#)

GeneBank Accession# [NM_002633.2](#)

Protein Accession# [NP_002624.2](#)

Gene Name PGM1

Gene Alias -

Gene Description phosphoglucomutase 1

Omim ID [171900](#)

Gene Ontology [Hyperlink](#)

Gene Summary Phosphoglucomutases (PGM; EC 5.4.2.2) catalyze the transfer of phosphate between the 1 and 6 positions of glucose. Isozymes of PGM are monomeric, with molecular masses of about 60 kD, and are encoded by several genes, including PGM1. In most cell types, PGM1 isozymes predominate, representing about 90% of total PGM activity. One exception is red cells, where PGM2 (MIM 172000) is a major isozyme (Putt et al., 1993 [PubMed 8257433]).[supplied by OMIM]

Other Designations OTTHUMP00000010519|OTTHUMP00000046842

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Galactose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)
- [Starch and sucrose metabolism](#)
- [Streptomycin biosynthesis](#)

Disease

- [Birth Weight](#)
- [Body Weight](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)