

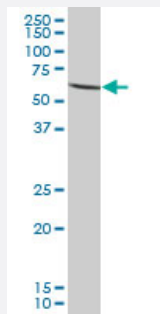
MaxPab®

PGM5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005239-B01P

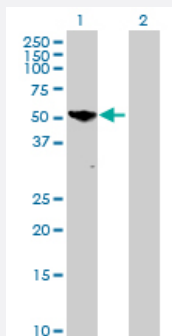
Size 50 ug

Applications



Western Blot (Tissue lysate)

PGM5 MaxPab polyclonal antibody. Western Blot analysis of PGM5 expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of PGM5 expression in transfected 293T cell line ([H00005239-T01](#)) by PGM5 MaxPab polyclonal antibody.

Lane 1: PGM5 transfected lysate(55.66 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PGM5 protein.

Immunogen

PGM5 (ENSP00000366540, 1 a.a. ~ 506 a.a) full-length human protein.

Sequence

MVVGSDGRYFSRTAIEIVQMAAANGIGRLIGQNGILSTPAVSCIIRKIIKAAGGIILTASHCPGGPGGE
FGVKFNVANGGPAPDVVSDKIYQISKTIIEYAICPDRLRLGRQEFDLNFKPKFRVEIDPVDI
YLNLLRTIFDFHAIKGLLTGPSQLKIRIDAMHGVMGPYVRKVLCDLGAANSAINCVPLEDFGGQH
PDPNLTYATTLLLEAMKGGEYGFGAADFADGDRYMILGQNGFFVSPSDSLAIAANLSCIPYFRQMG
VRGFGRSMPTSMALDRVAKSMKVPVYETPAGWRFFSNLMDSGRCNLCGEESFGTGSDHLREK
DGLWAVLVWLSIAARKQSVEEMRDHWAKFGRHYCRYFDYGLDPKTTYIMRDLEALVTDKSFIG
QQFAVGSHVYSVAKTDSFEYVDPVDGTVTKKQGLRIIFSDASRLIFRLSSSSGVRATLRLYAESYE
RDPSGHDQEPQAVLSPLIALKISQIHRTGRRGPTVIT

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (98)
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.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — PGM5

Entrez GeneID	5239
GeneBank Accession#	NM_021965.3
Protein Accession#	ENSP00000366540
Gene Name	PGM5
Gene Alias	PGMRP
Gene Description	phosphoglucomutase 5
Omim ID	600981
Gene Ontology	Hyperlink

Gene Summary

Phosphoglucomutases (EC 5.2.2.2.), such as PGM5, are phosphotransferases involved in interconversion of glucose-1-phosphate and glucose-6-phosphate. PGM activity is essential in formation of carbohydrates from glucose-6-phosphate and in formation of glucose-6-phosphate from galactose and glycogen (Edwards et al., 1995 [PubMed 8586438]).[supplied by OMIM]

Other Designations

OTTHUMP00000021418|phosphoglucomutase-related protein