

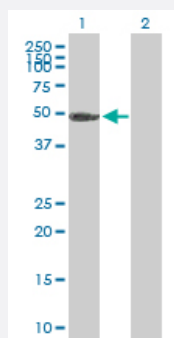
MaxPab®

PGS1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009489-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PGS1 expression in transfected 293T cell line ([H00009489-T01](#)) by PGS1 MaxPab polyclonal antibody.

Lane 1: PGS1 transfected lysate(49.17 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PGS1 protein.

Immunogen

PGS1 (ENSP00000262764, 1 a.a. ~ 447 a.a) full-length human protein.

Sequence

MKGQIRVAKRRVVMASLYLGTGPLEQELVDCLESTLEKSLQAKFPSNLKVSILLDFTRGSRGRKN
SRTMLLP LLRRFPEQVRVSLFHTPHLRGLLRLLIPERFNETIGLQHIKVVYLFDNSVILSGANLSDSYFT
NRQDRYVFLQDCAEIADFFTELVDAGDVSLQLQGDDTVQVVDGMVHPYKGDRAEYCKAANKR
VMDVINSARTRQQMLHAQTFHSNSLLTQEDAAAAGDRRPAPDTWYPLIQMKPFEIQIDEN TETLLT
EAERGAKVYL TTGYFNL TQAYMDLVLGTRA EYQILLASPEVNGFFGAKGVAGAIPAAYVHIERQFFS
EVCSLGQQERVQLQEYWRRGWTFHAKGLWL YLAGSSLPCLTLIGSPNFGYRSVHRDLEAQIAMT
ENQALQQQLHQEQEQLYLRSGVVSSATFEQPSRQVKLWVKMVTPLIKNFF

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (94); Rat (95)

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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[Protocol Download](#)

Gene Info — PGS1

Entrez GeneID [9489](#)

GeneBank Accession# [ENST00000262764](#)

Protein Accession# [ENSP00000262764](#)

Gene Name PGS1

Gene Alias DKFZp762M186, MGC131960

Gene Description phosphatidylglycerophosphate synthase 1

Gene Ontology [Hyperlink](#)

Other Designations -

Publication Reference

- [Enzymatic measurement of phosphatidylglycerol and cardiolipin in cultured cells and mitochondria.](#)

Morita SY, Terada T.

Scientific Reports 2015 Jun; 5:11737.

Application: WB-Tr, Human, HEK 293 cells

- [Translocation of p53 to Mitochondria Is Regulated by Its Lipid Binding Property to Anionic Phospholipids and It Participates in Cell Death Control.](#)

Li CH, Cheng YW, Liao PL, Kang JJ.

Neoplasia 2010 Feb; 12(2):150.

Application: WB, Human, HepG2 cells

Pathway

- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)