

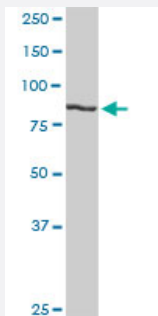
MaxPab®

H6PD MaxPab rabbit polyclonal antibody (D01)

Catalog # H00009563-D01

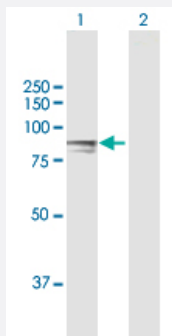
Size 100 uL

Applications



Western Blot (Tissue lysate)

H6PD MaxPab rabbit polyclonal antibody. Western Blot analysis of H6PD expression in human liver.

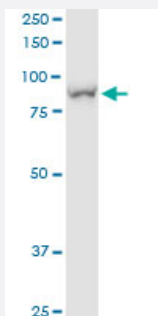


Western Blot (Transfected lysate)

Western Blot analysis of H6PD expression in transfected 293T cell line ([H00009563-T01](#)) by H6PD MaxPab polyclonal antibody.

Lane 1: H6PD transfected lysate(88.9 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of H6PD transfected lysate using anti-H6PD MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with H6PD purified MaxPab mouse polyclonal antibody (B01P) ([H00009563-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human H6PD protein.

Immunogen	H6PD (AAH81559.1, 1 a.a. ~ 791 a.a) full-length human protein.
Sequence	MWNMLIVAMCLALLGCLQAQELQGHVSILLGATGDLAKKYLWQGLFQLYLDEAGRGHSFSFHGA ALTAPKQGQELMAKALESLSCKPKDMAPSHCAEHKDQFLQLSQYRQLKTAEDYQALNKDIEAQLQ HAGLREAGRIFYFSVPPFAYEDIARNINSSCRPGPGAWLRVVLEKPFQHDHFSQAQQLATELGTF QEEEMYRVDHYLGKQAVAQILPFRDQNRKALDGLWNRHHVERVEIIMKETVDAEGRTSFYEEYGV RDVLQNHLETVLTLVAMELPHNVSSAEAVLRHKLQVFQALRGLQRGSVVGGYQSYSEQVRREL QKPDSFHSLETPFAAVLVHIDNLRWEGVPFILMSGKALDERVGYARILFKNQACCVQSEKHAAAA QSQCPLRQLVFHIGHGDLGSPAVLVSRNLFRPSLPSSWKEMEGPPGLRFLGSPPLSDYYAYSPVQ ERDAHSVLLSHIFHGRKNFFITTENLLASWNFWTPLLSLAHKAPRLYPGGAENGRLLDFEFSSGR LFFSQQQPEQLVPGPGPAPMPDQVLRQAKYRESPLVSAWSEELISKLANDIEATAVRAVRRFG QFHLALSGGSSPVALFQQLATAHYGFPWAHTHLWLVDERCVPPLSDPESNFGQLQAHLQHVRI YNIHPMPVHLQQLCAEEDQGAQIYAREISALVANSSFDLVLLGMGADGHTASLFPQSPTGLDG EQLVVLTTSPSQPHRRMSLSLPLINRAKKVAVLVMGRMKREITLVSRLVGHPEPKKWPISGVLPHS GQLVWYMDYDAFLG
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

H6PD MaxPab rabbit polyclonal antibody. Western Blot analysis of H6PD expression in human liver.

[Protocol Download](#)

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- Immunoprecipitation

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[Protocol Download](#)

Gene Info — H6PD

Entrez GeneID [9563](#)

GeneBank Accession# [BC081559.1](#)

Protein Accession# [AAH81559.1](#)

Gene Name H6PD

Gene Alias DKFZp686A01246, G6PDH, GDH, MGC87643

Gene Description hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)

Omim ID [138090 604931](#)

Gene Ontology [Hyperlink](#)

Gene Summary There are 2 forms of glucose-6-phosphate dehydrogenase. G form is X-linked and H form, encoded by this gene, is autosomally linked. This H form shows activity with other hexose-6-phosphates, especially galactose-6-phosphate, whereas the G form is specific for glucose-6-phosphate. Both forms are present in most tissues, but H form is not found in red cells. [provided by RefSeq]

Other Designations 6-phosphogluconolactonase|G6PD, H form|GDH/6PGL endoplasmic bifunctional protein|OTTHU MP00000001703|glucose 1- dehydrogenase|glucose dehydrogenase|glucose dehydrogenase|glucose-6-phosphate dehydrogenase, salivary|hexose-6-phosphate dehydrogenase

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)

Disease

- [Dementia](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Polycystic Ovary Syndrome](#)