

DNAPAb

Hard-to-Find
Antibody

H6PD DNAPAb

Catalog # H00009563-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human H6PD DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MWNMLIVAMCLALLGCLQAQELQGHVSII LLGATGDLAKKYLWQGLFQLYLDEAGRHSFSFHGA ALTAPKQGQELMAKALESLSCPKDMAPSHCAEHKDQFLQLSQYRQLKTAEDYQALNKDIEAQLQ HAGLREAGRIFYFSVPPFAYEDIARNINSSCRPGPGAWLRVVLEKPFQHDHFSAAQQLATELGTF QEEEMYRVDHYLGKQAVAQILPFRDQNRKALDGLWNRHHVERVEIIMKETVDAEGRTSFYEEYGV RDVLQNHLETVLTLVAMELPHNVSSAEAVLRHKLQVFQALRGLQRGSAVVGGYQSYSEQVRREL QKPDSFHSALTPTFAAVLVHIDNLRWEGVPFILMSGKALDERVGYARILFKNQACCVQSEKHWAAA QSQCLPRQLVFHIGHGDLGSPAVLVSRNLFRPSLPSSWKEMEGPPGLRFLGSPVSDYYAYSPVQ ERDAHSVLLSHIFHGRKNFFITTENLLASWNFWTPLLESLAHKAPRLYPGGAENGRLLDFEFSSGR LFFSQQQPEQLVPGPGPAPMPSPDFQVLRKYRESPLVSAWSEELISKLANDIEATAVRAVRRFG QFHLALSGGSSPVALFQQLATAHYGFPWAHTHLWLVDERCVPVLPESNPFQGLQAHLHQHVRIP YNIHPMPVHLQQRLCAEEDQGAQIYAREISALVANSSFDLVLLGMGADGHTASLFPQSPTGLDG EQLVVLTTSPSQPHRRMSLSLPLINRAKKVAVLVMGRMKREITTLVSRVGHEPKKWPISGVLPHS GQLVWYMDYDAFLG
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 — 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](#)