

DNAXPAb

Hard-to-Find
Antibody

PHGDH DNAXPab

Catalog # H00026227-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PHGDH DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAFANLRKVLISDSLDPCCRKILQDGGGLQVVEKQNLKSKEELIAELQDCEGLMRSATKVTADVINA EKLQVVGRAGTGVDNVDLEAATRKILVMNTPNGNSLSAAELTCGMIMCLARQIPQATASMKDGK WERKKFMGTENGLKTLGILGLGRIGREVATRMQSFGMKTIGYDPIISPEVSASFVQQLPLEEWPL CDFITVHTPLLPSTTGLLNDNTFAQCKKGVRVNCARGGIVDEGALLRALQSGQCAGAAALDVFTE EPPRDRALVDHENVISCPHLGASTKEAQSRCGEEIAVQFVDMVKGKSLTGVVNAQALTSAFSPH TKPWIGLAEALGTLMAWAGSPKGTIQVITQGTSLKNAGNCLSPAVIVGLLKEASKQADVNLVNAK LLVKEAGLNVTTSHSPAAPGEQGFGECLLAVALAGAPYQAVGLVQGTTTPVLQGLNGAVFRPEVP LRRDLPLLLFRTQTSDPAMLPTMIGLLAEAGVRLLSYQTSLSVSDGETWHVMGISSLLPSLEAWKQ HVTEAFQFHF
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 — PHGDH

Entrez GeneID [26227](#)

GeneBank Accession# [NM_006623.2](#)

Protein Accession# [NP_006614.2](#)

Gene Name PHGDH

Gene Alias 3-PGDH, 3PGDH, MGC3017, PDG, PGAD, PGD, PGDH, SERA

Gene Description phosphoglycerate dehydrogenase

Omim ID [601815 606879](#)

Gene Ontology [Hyperlink](#)

Gene Summary 3-Phosphoglycerate dehydrogenase (PHGDH; EC 1.1.1.95) catalyzes the transition of 3-phosphoglycerate into 3-phosphohydroxypyruvate, which is the first and rate-limiting step in the phosphorylated pathway of serine biosynthesis, using NAD⁺/NADH as a cofactor.[supplied by OMIM]

Other Designations 3-phosphoglycerate dehydrogenase|OTTHUMP00000013926

Pathway

- [Glycine](#)
- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Schizophrenia](#)