

Datasheet

PHGDH MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00026227-D01

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human PHGDH protein.

Immunogen: PHGDH (NP_006614.2, 1 a.a. ~ 533 a.a) full-length human protein.

Sequence:

MAFANLRKVLISDSLDPCCRKILQDGGQLQVVEKQNLSK
EELIAELQDCEGLIVRSATKVTADVINA AEKLQVVGRAG
TGVDNVDLEAATRKILVMNTPNGNSLSAAELTCGMI
MCLARQIPQATASMKGKWERKKFMGTELNGKTLGIL
GLGRIGREVATRMQSFGMKTIGYDPIISPEVSASFVQ
QLPLEEIWPLCDFITVHTPLLPSTTGLLNDNTFAQCKKG
VRVVCARGGIVDEGALLRALQSGQCAGAALDVFTEE
PPRDRALVDHENVISCPHLGASTKEAQSRCGEEIAVQ
FVDMVKGKSLTGVVNAQALTSFSPHTKPWIGLAEAL
GTLMLRAWAGSPKGTIQVITQGTSLKNAGNCLSPAVIVG
LLKEASKQADVNLVNAKLLVKEAGLNVTTSHSPAAPGE
QGFGECLLAVALAGAPYQAVGLVQGTTPVLQGLNGAV
FRPEVPLRRDLPLLLFRTQTSDPAMLPTMIGLLAEAGV
RLLSYQTSLSVSDGETWHVMGISSLLPSLEAWKQHVTE
AFQFHF

Host: Rabbit

Reactivity: Human

Applications: IP, WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 26227

Gene Symbol: PHGDH

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

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]