

DNAxPab

Hard-to-Find
Antibody

BPGM DNAxPab

Catalog # H00000669-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BPGM DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSKYKLIMLRHGEGAWNKENRFCSWVDQKLNSEGMEEARNCGKQLKALNFEFDLVFTSVLNRSI HTAWLILEELGQEWVPVESSWRLNERHYGALIGLNREQMALNHGEEQVRLWRRSYNVTPPPIES HPYYQEYNDRRYKVC DVPLDQLPRSESLKDVLERLLPYWNERIAPEVLRGKTLISAHGNSSRALL KHLEGISDEDIINITLPTGVPILLELDENLRAVGPHQFLGDQEAIAAIAKKVEDQGKVKQAKK
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 — BPGM

Entrez GeneID [669](#)

GeneBank Accession# [NM_001724.3](#)

Protein Accession# [NP_001715.1](#)

Gene Name BPGM

Gene Alias -

Gene Description 2,3-bisphosphoglycerate mutase

Omim ID [222800](#)

Gene Ontology [Hyperlink](#)

Gene Summary 2,3-diphosphoglycerate (2,3-DPG) is a small molecule found at high concentrations in red blood cells where it binds to and decreases the oxygen affinity of hemoglobin. This gene encodes a multifunctional enzyme that catalyzes 2,3-DPG synthesis via its synthetase activity, and 2,3-DPG degradation via its phosphatase activity. The enzyme also has phosphoglycerate phosphomutase activity. Deficiency of this enzyme increases the affinity of cells for oxygen. Mutations in this gene result in hemolytic anemia. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations -

Pathway

- [Biosynthesis of phenylpropanoids](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)