

DNAxPAb

Hard-to-Find
Antibody

PMM2 DNAxPab

Catalog # H00005373-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PMM2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAAPGPALCLFDVDGTLTAPRQKITKEMDDFLQKL RQKIKIGVVGGSDFEKVQEQLGNDVVEKYD YVFPENGLVAYKDGKLLCRQNIQSHLGEALIQDLIN YCLSYAKIKLPKKRGTFIEFRNGMLNVSPIGR SCSQEERIEFYELDKKENIRQKFVADLRKEFAGKGLTFSIGGQISFDVFPDGDWKRYCLRHVEND GYKTIYFFGDKTMPGGNDHEIFTDPRTMGYSVTAPEDTRRICELLFS
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 — PMM2

Entrez GeneID [5373](#)**GeneBank Accession#** [NM_000303.1](#)**Protein Accession#** [NP_000294.1](#)**Gene Name** PMM2**Gene Alias** CDG1, CDG1a, CDGS**Gene Description** phosphomannomutase 2**Omim ID** [212065 601785](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene catalyzes the isomerization of mannose 6-phosphate to mannose 1-phosphate, which is a precursor to GDP-mannose necessary for the synthesis of dolichol-P-oligosaccharides. Mutations in this gene have been shown to cause defects in glycoprotein biosynthesis, which manifests as carbohydrate-deficient glycoprotein syndrome type I. [provided by RefSeq]

Other Designations -

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)