

DNAxPAb

Hard-to-Find
Antibody

DPM1 DNAxPab

Catalog # H00008813-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DPM1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASLEVSRGPRRSRRELEVRSPRQNKYSVLLPTYNERENLPLVWLLVKSFSESGINYEIIIDDGSP DGTRDVAEQLEKIYGSDRILLRPREKKLGLGTAYIHGMKHATGNYIIIMDADLSHHPKFIPEFIRKQKE GNFDIVSGTRYKNGGVYGWDLKRKIISRGANFLTQILLRPGASDLTGSFRLYRKEVLEKLEKCVS KGYVFQMEMIVRARQMNYTIGEVPISFVDRVYGESKLGGENVSFLKGLLTLFATT
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 — DPM1

Entrez GeneID [8813](#)

GeneBank Accession# [BC008466.1](#)

Protein Accession# [AAH08466.1](#)

Gene Name DPM1

Gene Alias CDGIE, MPDS

Gene Description dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit

Omim ID [603503 608799](#)

Gene Ontology [Hyperlink](#)

Gene Summary Dolichol-phosphate mannose (Dol-P-Man) serves as a donor of mannosyl residues on the lumena l side of the endoplasmic reticulum (ER). Lack of Dol-P-Man results in defective surface expressi on of GPI-anchored proteins. Dol-P-Man is synthesized from GDP-mannose and dolichol-phosph ate on the cytosolic side of the ER by the enzyme dolichyl-phosphate mannosyltransferase. Huma n DPM1 lacks a carboxy-terminal transmembrane domain and signal sequence and is regulated by DPM2. [provided by RefSeq

Other Designations OTTHUMP00000031285[dolichol monophosphate mannose synthase[dolichyl-phosphate manno syltransferase polypeptide 1

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)