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DPM2 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2848a

Specification

DPM2 Antibody (C-Term) - Product Information

Application	**E**
Primary Accession	O94777
Other Accession	NP_003854.1, 8818
Predicted	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**9312**

DPM2 Antibody (C-Term) - Additional Information

Gene ID 8818

Other Names
Dolichol phosphate-mannose biosynthesis regulatory protein, Dolichol-phosphate mannose synthase subunit 2, DPM synthase subunit 2, DPM2

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
DPM2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

DPM2 Antibody (C-Term) - Protein Information

Name DPM2 (HGNC:3006)

Function
Regulates the biosynthesis of dolichol phosphate-mannose (PubMed:10835346). Regulatory subunit of the dolichol-phosphate mannose (DPM) synthase complex; essential for the ER localization and stable expression of DPM1 (PubMed:10835346). Part of the glycosylphosphatidylinositol-N-acetylglucosaminyltransferase (GPI-GnT) complex that catalyzes the transfer of N-acetylglucosamine from UDP-N- acetylglucosamine to phosphatidylinositol and

participates in the first step of GPI biosynthesis (PubMed:16162815). May act by regulating the GPI-GNT complex (PubMed:10944123).

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

DPM2 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DPM2 Antibody (C-Term) - Images

DPM2 Antibody (C-Term) - References

Initial enzyme for glycosylphosphatidylinositol biosynthesis requires PIG-P and is regulated by DPM2. Watanabe R, Murakami Y, Marmor MD, Inoue N, Maeda Y, Hino J, Kangawa K, Julius M, Kinoshita T. EMBO J. 2000 Aug 15;19(16):4402-11. PMID: 10944123