

## DPM1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 30kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human DPM1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MPDS; CDGIE;

**Catalog #:** A7757

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 8813

**Isotype:** IgG

**Swiss Prot:** O60762

**Purity:** Affinity purification

For research use only.

**Background:**

Dolichol-phosphate mannose (Dol-P-Man) serves as a donor of mannosyl residues on the luminal side of the endoplasmic reticulum (ER). Lack of Dol-P-Man results in defective surface expression of GPI-anchored proteins. Dol-P-Man is synthesized from GDP-mannose and dolichol-phosphate on the cytosolic side of the ER by the enzyme dolichyl-phosphate mannosyltransferase. Human DPM1 lacks a carboxy-terminal transmembrane domain and signal sequence and is regulated by DPM2.

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