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anti-DPM1 antibody





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Quantity:	200 μL
Target:	DPM1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPM1 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human DPM1 (NP_003850.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	DPM1
Alternative Name:	DPM1 (DPM1 Products)
Background:	Dolichol-phosphate mannose (Dol-P-Man) serves as a donor of mannosyl residues on the
	lumenal 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
	dolichol-phosphate on the cytosolic side of the ER by the enzyme dolichyl-phosphate

Target Details

mannosyltransferase. Human DPM1 lacks a carboxy-terminal transmembrane domain and signal sequence and is regulated by DPM2. Mutations in this gene are associated with congenital disorder of glycosylation type le. Alternative splicing results in multiple transcript variants.

Gene ID:

8813

UniProt:

060762

Pathways:

Inositol Metabolic Process

Application Details

Application Notes:

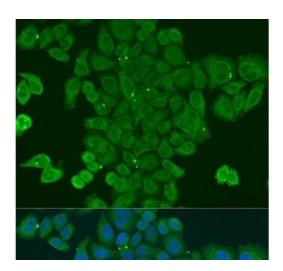
IF 1:50-1:200

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using DPM1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.