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# anti-DPM1 antibody (Center)



Image



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### Overview

Quantity:	100 μL
Target:	DPM1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPM1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

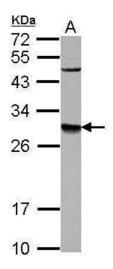
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human DPM1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Cow (Bovine), Pig (Porcine), Rat (Rattus), Xenopus laevis
Cross-Reactivity (Details):	Mouse (90 %), Bovine (92 %), Pig (93 %), Rat (91 %), Xenopus laevis (86 %)
Characteristics:	Rabbit Polyclonal antibody to DPM1 (dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit)  DPM1 antibody [N1C2]
Purification:	Purified by antigen-affinity chromatography.

# **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
	mannosyltransferase. Human DPM1 lacks a carboxy-terminal transmembrane domain and
	signal sequence and is regulated by DPM2.
	Cellular Localization: Endoplasmic reticulum
Molecular Weight:	30 kDa
Gene ID:	8813
Pathways:	Inositol Metabolic Process
Application Details	
Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.
	*Optimal dilutions/concentrations should be determined by the researcher.Suggested
	dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: NT2D1 , U87-MG , MCF-7
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.95 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

cycles.

# **Images**



## **Western Blotting**

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: U87-MG 12% SDS PAGE antibody diluted at 1:1000