

Rabbit DPM1 Polyclonal Antibody | anti-DPM1 antibody

DPM1 Rabbit Polyclonal Antibody

CATALOG # AAA314092	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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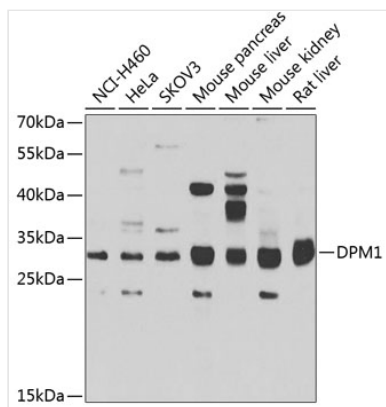
PRODUCT SYNONYMS

DPM1; Polyclonal Antibody; DPM1 Rabbit Polyclonal Antibody; CDGIE; MPDS; anti-DPM1 antibody

PRODUCT SPECIFICATIONS

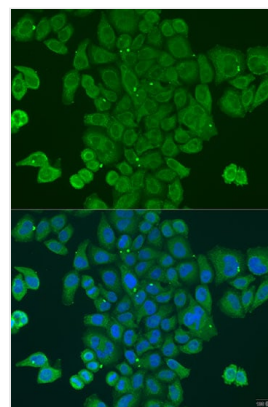
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-DPM1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human DPM1 (NP_003850.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DPM1 at 1:1000 dilution.



IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DPM1 antibody	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. Mutations in this gene are associated with congenital disorder of glycosylation type Ie. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-DPM1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503363
NCBI GeneID	8813
NCBI Accession #	NP_003850.1
NCBI GenBank Nucleotide #	NM_003859.1
UniProt Accession #	O60762
NCBI Official Full Name	dolichol-phosphate mannosyltransferase subunit 1 isoform 3
NCBI Official Synonym Full Names	dolichyl-phosphate mannosyltransferase subunit 1, catalytic
NCBI Official Symbol	DPM1
NCBI Official Synonym Symbols	MPDS; CDGIE
NCBI Protein Information	dolichol-phosphate mannosyltransferase subunit 1
UniProt Protein Name	Dolichol-phosphate mannosyltransferase subunit 1
UniProt Gene Name	DPM1
UniProt Synonym Gene Names	DPM synthase subunit 1; MPD synthase subunit 1
UniProt Entry Name	DPM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dpm1-antibody-immunofluorescence-western-blot-elisa/314092>