10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MPDU1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20220B

Specification

MPDU1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	O75352
Other Accession	NP_004861.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**26638**
Antigen Region	**219-247**

MPDU1 Antibody (C-term) - Additional Information

Gene ID 9526

Other Names
Mannose-P-dolichol utilization defect 1 protein, Suppressor of Lec15 and Lec35 glycosylation mutation homolog, SL15, MPDU1

Target/Specificity
This MPDU1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 219-247 amino acids from the C-terminal region of human MPDU1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

Precautions
MPDU1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MPDU1 Antibody (C-term) - Protein Information

Name MPDU1

Function Required for normal utilization of mannose-dolichol phosphate (Dol-P-Man) in the

synthesis of N-linked and O-linked oligosaccharides and GPI anchors.

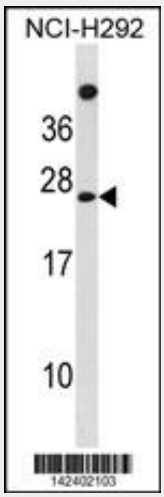
Cellular Location
Membrane; Multi-pass membrane protein

MPDU1 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

MPDU1 Antibody (C-term) - Images



MPDU1 Antibody (C-term) (Cat. #AP20220b) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the MPDU1 antibody detected the MPDU1 protein (arrow).

MPDU1 Antibody (C-term) - Background

This gene encodes an endoplasmic reticulum membrane protein that is required for utilization of the mannose donor mannose-P-dolichol in the synthesis of lipid-linked oligosaccharides and glycosylphosphatidylinositols. Mutations in this gene result in congenital disorder of glycosylation type If. Alternative splicing results in multiple transcript variants.

MPDU1 Antibody (C-term) - References

Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010)
Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009)
Shen, M., et al. Environ. Mol. Mutagen. 50(4):285-290(2009)

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Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :