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PMM2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5041

Product Information

Application	WB
Primary Accession	O15305
Other Accession	Q9Z2M7, Q60HD6, Q3SZJ9, NP_000294.1
Reactivity	Human
Predicted	Mouse, Rat, Monkey, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28082
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	5373
Antigen Region	198-226
Other Names	PMM2; Phosphomannomutase 2
Dilution	WB~~ 1:1000
Target/Specificity	This PMM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-226 amino acids from the C-terminal region of human PMM2.
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	PMM2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PMM2
Function	Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer

reactions.

Cellular Location Cytoplasm.

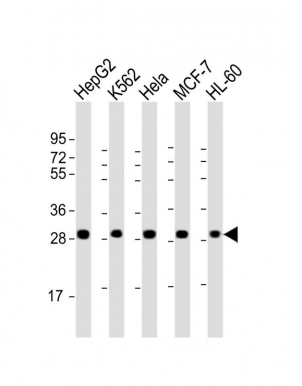
Background

The protein encoded by this gene catalyzes the isomerization of mannose 6-phosphate to mannose 1-phosphate, which is a precursor to GDP-mannose necessary for the synthesis of dolichol-P-oligosaccharides. Mutations in this gene have been shown to cause defects in glycoprotein biosynthesis, which manifests as carbohydrate-deficient glycoprotein syndrome type I. [provided by RefSeq].

References

Vega, A.I., et al. Hum. Mutat. 30(5):795-803(2009)
Coman, D., et al. Am. J. Med. Genet. A 146(3):389-392(2008)
Vermeer, S., et al. J. Neurol. 254(10):1356-1358(2007)
Coman, D., et al. J Clin Neurosci 14(7):668-672(2007)
Schollen, E., et al. Mol. Genet. Metab. 90(4):408-413(2007)

Images



All lanes : Anti-PMM2 Antibody (C-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: K562 whole cell lysate Lane 3: Hela whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.