

Rabbit PMM2 Polyclonal Antibody | anti-PMM2 antibody

PMM2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285759	Rabbit	Human (Predicted Reactivity: Bovine, Monkey, Mouse)	ELISA, Western Blot

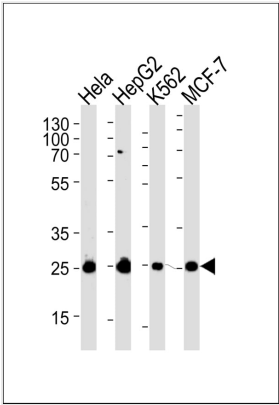
PRODUCT SYNONYMS

PMM2; Polyclonal Antibody; PMM2 Antibody (C-term); Phosphomannomutase 2; PMM 2; anti-PMM2 antibody

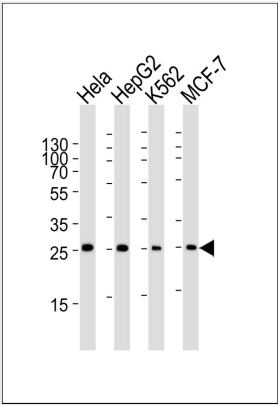
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	198-226
Sequence Length	246
Applicable Applications for anti-PMM2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from HeLa, HepG2, K562, MCF-7 cell line (from left to right), using PMM2 Antibody (C-term). AAA285759 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)
Western blot analysis of lysates from HeLa, HepG2, K562, MCF-7 cell line (from left to right), using PMM2 Antibody (C-term). AAA285759 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-PMM2 antibody	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].
Product Categories/Family for anti-PMM2 antibody	Crown Antibodies; Metabolism; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557839
NCBI GeneID	5373
NCBI Accession #	NP_000294.1
NCBI GenBank Nucleotide #	NM_000303.2
UniProt Accession #	O15305; A8K672; B7Z6R0; D3DUF3
Molecular Weight	28082
NCBI Official Full Name	phosphomannomutase 2
NCBI Official Synonym Full Names	phosphomannomutase 2
NCBI Official Symbol	PMM2
NCBI Official Synonym Symbols	PMI; CDG1; CDGS; PMI1; CDG1a; PMM 2
NCBI Protein Information	phosphomannomutase 2
UniProt Protein Name	Phosphomannomutase 2

UniProt Gene Name	PMM2
UniProt Synonym Gene Names	PMM 2
UniProt Entry Name	PMM2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pmm2-antibody-western-blot-elisa/285759>