

Rabbit PMM2 Polyclonal Antibody | anti-PMM2 antibody

PMM2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37450	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

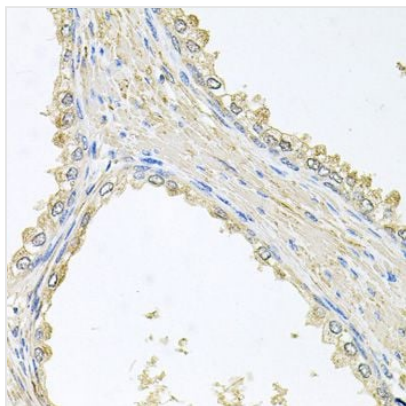
PRODUCT SYNONYMS

PMM2; Polyclonal Antibody; PMM2 Polyclonal Antibody; PMI; CDG1; CDGS; PMI1; CDG1a; PMM 2; anti-PMM2 antibody

PRODUCT SPECIFICATIONS

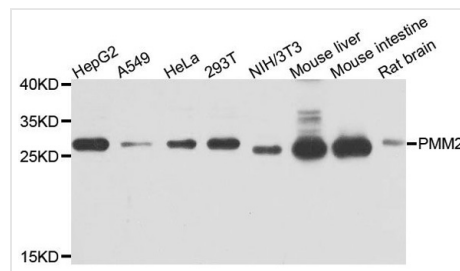
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	246
Applicable Applications for anti-PMM2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PMM2
Calculated Molecular Weight	28kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using PMM2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PMM2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

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.
Product Categories/Family for anti-PMM2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	3024413
NCBI GeneID	5373
UniProt Accession #	O15305; A8K672; B7Z6R0; D3DUF3
Molecular Weight	246
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; phosphomannose isomerase 1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pmm2-antibody-immunohistochemistry-western-blot-elisa/37450>