

Rabbit PMM2 Polyclonal Antibody | anti-PMM2 antibody

PMM2 Antibody

CATALOG # AAA323278	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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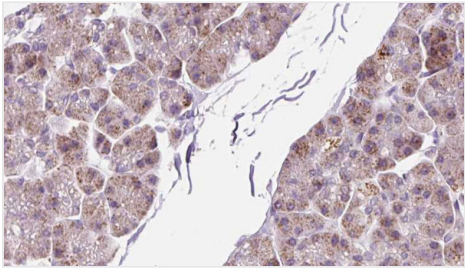
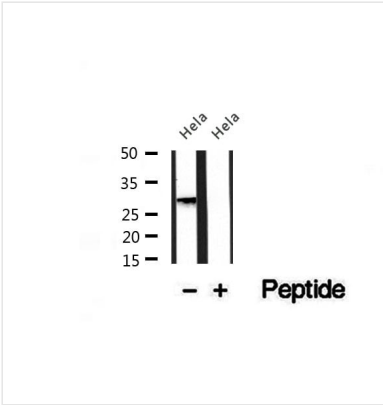
PRODUCT SYNONYMS

PMM2; Polyclonal Antibody; PMM2 Antibody; AI585868; BOS_22465; C86848; CDG 1; CDG1; CDG1a; CDGS; MGC127449; Phosphomannomutase 2; PMM 2; Pmm2; PMM2_HUMAN; anti-PMM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PMM2 antibody detects endogenous levels of PMM2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	246
Applicable Applications for anti-PMM2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PMM2.
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323278 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of HepG2 cells, using PMM2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PMM2 antibody	Function: Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions. Subunit Structure: Homodimer. Similarity: Belongs to the eukaryotic PMM family.
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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	Observed: 28-30 kDa Predicted: 29 kDa
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

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.