

GMPPB polyclonal antibody

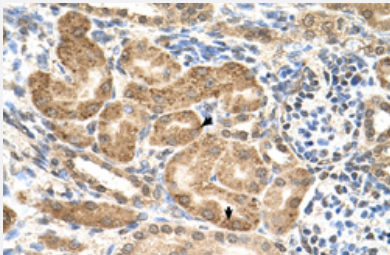
Catalog # PAB30104 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with GMPPB polyclonal antibody (Cat # PAB30104) at 5 ug/mL working concentration.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with GMPPB polyclonal antibody (Cat # PAB30104) at 4-8 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human GMPPB.
Immunogen	A synthetic peptide corresponding to C-terminus of human GMPPB.
Sequence	RCRVGQWVRMENVTVLGEDVINDELYLNGASVLPHKSIGESVPEPRIM
Host	Rabbit
Theoretical MW (kDa)	43
Reactivity	Human
Form	Liquid

Purification	Protein A purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — GMPPB

Entrez GeneID	29925
GeneBank Accession#	NM_013334
Protein Accession#	NP_037466.Q9Y5P6-2
Gene Name	GMPPB
Gene Alias	KIAA1851
Gene Description	GDP-mannose pyrophosphorylase B
Gene Ontology	Hyperlink
Gene Summary	This gene is thought to encode a GDP-mannose pyrophosphorylase. The encoded protein catalyzes the conversion of mannose-1-phosphate and GTP to GDP-mannose, a reaction involved in the production of N-linked oligosaccharides. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations

mannose-1-phosphate guanylyltransferase

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)

Disease

- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)