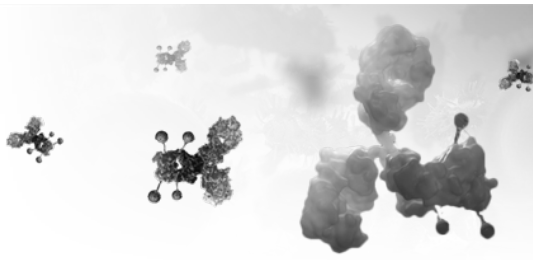

Anti-GMPPB (aa 1-110) polyclonal antibody (DPAB-DC1518)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	GMPPB (NP_037466, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is MKALILVGGYGTRLRPLTLSTPKPLVDFCNKPILLHQVEALAAAGVDHVILAVSYMSQVL EKEMKAQEQRLGIRISMSHEEEPLGTAGPLALARDLLSETADPFFVLNSD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GMPPB GDP-mannose pyrophosphorylase B [Homo sapiens (human)]

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Official Symbol	GMPPB
Synonyms	GMPPB; GDP-mannose pyrophosphorylase B; MDDGA14; MDDGB14; MDDGC14; mannose-1-phosphate guanyltransferase beta; GTP-mannose-1-phosphate guanylyltransferase beta;
Entrez Gene ID	29925
Protein Refseq	NP_037466
UniProt ID	Q9Y5P6
Chromosome Location	3p21.31
Pathway	Amino sugar and nucleotide sugar metabolism; Asparagine N-linked glycosylation; Fructose and mannose metabolism; Metabolism of proteins
Function	GTP binding; mannose-1-phosphate guanylyltransferase activity;

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