



# Anti-GPD1L polyclonal antibody (DPAB-DC1626)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	GPD1L (glycerol-3-phosphate dehydrogenase 1-like) is a protein-coding gene. Diseases associated with GPD1L include brugada syndrome 2, and brugada syndrome, and among its related super-pathways are Glycerophospholipid biosynthesis and Metabolic pathways. GO annotations related to this gene include NAD binding and protein homodimerization activity. An important paralog of this gene is GPD1.
<b>Specificity</b>	Specific to recombinant protein GX2087. This antibody detects endogenous mGPD1L protein in several cell types.
<b>Immunogen</b>	Recombinant GST fusion protein corresponding to 173 mouse Gpd1l. The sequence is FKELLQTPNFRITVVDDADTVELCGALKNIVAVGAGFCDGLRCGDNTKAAVIRLGLMEMI AFAKIFCKGQVSTATFLESCGVADLITTCYGGRRNRVAEAFARTGKTIEELEKELLNGQK LQGPQTSAEVYRILRQKGLLDKFPLFTAVYQICYEGRPVTQMLSCLQSHPEHI
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS (50% glycerol, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide

**Storage**

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

Gene Name	<a href="#">Gpd1l glycerol-3-phosphate dehydrogenase 1-like [ Mus musculus (house mouse) ]</a>
Official Symbol	GPD1L
Synonyms	GPD1L; glycerol-3-phosphate dehydrogenase 1-like; D9Ert660e; 2210409H23Rik; glycerol-3-phosphate dehydrogenase 1-like protein;
Entrez Gene ID	<a href="#">333433</a>
Protein Refseq	<a href="#">NP_780589</a>
UniProt ID	<a href="#">B2RSR7</a>
Chromosome Location	9 F3; 9 65.47 cM
Pathway	Fatty acid, triacylglycerol, and ketone body metabolism; Glycerophospholipid metabolism; Metabolism; Phospholipid metabolism
Function	NAD binding; coenzyme binding; glycerol-3-phosphate dehydrogenase [NAD+] activity; ion channel binding