



Anti-GPD1L polyclonal antibody (DPAB-DC1626)

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

PRODUCT INFORMATION

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| Antigen Description | 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. |
| Specificity | Specific to recombinant protein GX2087. This antibody detects endogenous mGPD1L protein in several cell types. |
| Immunogen | Recombinant GST fusion protein corresponding to 173 mouse Gpd1l. The sequence is FKELLQTPNFRITVVDADTVELCGALKNIVAVGAGFCGDLRCGDNTKAAVIRLGLMEMI AFAKIFCKGQVSTATFLESCGVADLITTCYGGRNRRVAEAFARTGKTIEELEKELLNGQK LQGPQTSAEVYRILRQKGLDKFPLFTA VYQICYEGRPVTQMLSCLQSHPEHI |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Mouse |
| Conjugate | Unconjugated |
| Applications | WB, |
| Format | Liquid |
| Size | 100 µg |
| Buffer | In PBS (50% glycerol, 0.02% sodium azide) |
| Preservative | 0.02% Sodium Azide |

Storage

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

GENE INFORMATION

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| Gene Name | Gpd1l glycerol-3-phosphate dehydrogenase 1-like [Mus musculus (house mouse)] |
| Official Symbol | GPD1L |
| Synonyms | GPD1L; glycerol-3-phosphate dehydrogenase 1-like; D9Ertd660e; 2210409H23Rik; glycerol-3-phosphate dehydrogenase 1-like protein; |
| Entrez Gene ID | 333433 |
| Protein Refseq | NP_780589 |
| UniProt ID | B2RSR7 |
| 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 |
