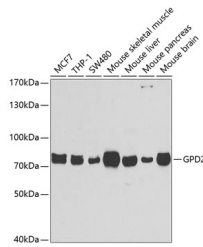


GPD2 Polyclonal Antibody

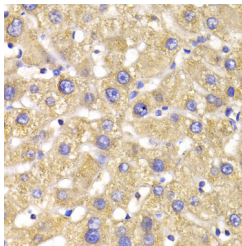
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-61246 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IHC | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

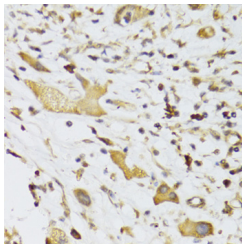
Images



Western blot analysis of extracts of various cell lines using GPD2 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human liver damage using GPD2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human liver cancer using GPD2 Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunogen Information

| | |
|------------------|---|
| Immunogen | Recombinant fusion protein of human GPD2 (NP_000399.3). |
| GeneID | 2820 |
| Swissprot | P43304 |
| Synonyms | GPD2,GDH2,GPDM,mGPDH |

Product Information

| | |
|----------------------|---|
| Calculated MW | 67kDa/80kDa |
| Observed MW | 81kDa |
| Buffer | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000 IHC 1:50-1:200 |

Background

The protein encoded by this gene localizes to the inner mitochondrial membrane and catalyzes the conversion of glycerol-3-phosphate to dihydroxyacetone phosphate, using FAD as a cofactor. Along with GDP1, the encoded protein constitutes the glycerol phosphate shuttle, which reoxidizes NADH formed during glycolysis. Two transcript variants encoding the same protein have been found for this gene.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.