

GPD2

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 80kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human GPD2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GDH2; GPDM; mGPDH;

Catalog #: A6611

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2820

Isotype: IgG

Swiss Prot: P43304

Purity: Affinity purification

For research use only.

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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