

Product datasheet for TA335231

GPD2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: WB

Reactivity: Human

Rabbit Host:

Isotype: lgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-GPD2 antibody: synthetic peptide directed towards the N terminal of

> human GPD2. Synthetic peptide located within the following region: DILVIGGGATGSGCALDAVTRGLKTALVERDDFSSGTSSRSTKLIHGGVR

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified Conjugation: Unconjugated

Storage:

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 81 kDa

Gene Name: glycerol-3-phosphate dehydrogenase 2

Database Link: NP 000399

Entrez Gene 2820 Human

Store at -20°C as received.

P43304

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. [provided by RefSeq, Jan 2010]

GDH2; GPDM; mGPDH Synonyms:



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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

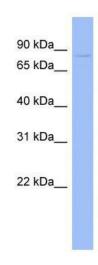
100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Yeast: 93%; Zebrafish:

93%

Protein Families: Druggable Genome, Transmembrane

Glycerophospholipid metabolism **Protein Pathways:**

Product images:



WB Suggested Anti-GPD2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: OVCAR-3 cell lysate