

Product datasheet for TA346610

UGP2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-UGP2 antibody: synthetic peptide directed towards the N terminal of

human UGP2. Synthetic peptide located within the following region: TKKDLDGFRKLFHRFLQEKGPSVDWGKIQRPPEDSIQPYEKIKARGLPDN

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

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 56 kDa

Gene Name: UDP-glucose pyrophosphorylase 2

Database Link: NP 001001521

Entrez Gene 7360 Human

Q16851



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UGP2 Rabbit Polyclonal Antibody - TA346610

Background: The enzyme encoded by this gene is an important intermediary in mammalian carbohydrate

interconversions. It transfers a glucose moiety from glucose-1-phosphate to MgUTP and forms UDP-glucose and MgPPi. In liver and muscle tissue, UDP-glucose is a direct precursor of glycogen; in lactating mammary gland it is converted to UDP-galactose which is then converted to lactose. The eukaryotic enzyme has no significant sequence similarity to the prokaryotic enzyme. Two transcript variants encoding different isoforms have been found for

this gene. [provided by RefSeq, Jul 2008]

Synonyms: pHC379; UDPG; UDPGP; UDPGP2; UGP1; UGPP1; UGPP2

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

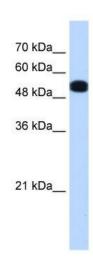
100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Families: Druggable Genome

Protein Pathways: Amino sugar and nucleotide sugar metabolism, Galactose metabolism, Metabolic pathways,

Pentose and glucuronate interconversions, Starch and sucrose metabolism

Product images:



WB Suggested Anti-UGP2 Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate.UGP2 is supported by BioGPS gene expression data to

be expressed in HepG2