

For Research Use Only

UGP2 Monoclonal antibody

Catalog Number: 65012-2-Ig



Basic Information

Catalog Number: 65012-2-Ig	GenBank Accession Number: BC002954	Purification Method: Other
Size: 150ul	GeneID (NCBI): 7360	Recommended Dilutions: WB 1:500-1:2000
Source: Mouse	UNIPROT ID: Q16851	
Isotype: IgG	Full Name: UDP-glucose pyrophosphorylase 2	
	Calculated MW: 56 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SMMC-7721 cells,
Species Specificity: human	

Background Information

UDP-glucose pyrophosphorylase 2 (UGP2, synonyms: UDPG, UGPP2, UDPGP2, Phc379) 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. So far two isoforms are encoded by two transcript variants have been found.

Storage

Storage:
Store at 2-8°C.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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Selected Validation Data