For Research Use Only

GPD1 Recombinant antibody

Catalog Number:84800-4-RR

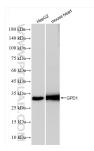


Basic Information	Catalog Number: 84800-4-RR	GenBank Accession Number: BC032234	Purification Method: Protein A purfication
	100ul , Concentration: 1000 µg/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG4278	GenelD (NCBI): 2819	CloneNo.: 242359C4
		UNIPROT ID:	Recommended Dilutions: WB 1:1000-1:6000
		P21695 Full Name:	
		glycerol-3-phosphate dehydrogenase 1 (soluble) Calculated MW: 349 aa, 38 kDa	
		Applications	Tested Applications:
WB, ELISA Species Specificity: human, mouse	WB : HepG2		cells, mouse heart tissue
Background Information	phosphate dehydrogenase family. Its the substrate DHAP, and its N-termina the conversion of dihydroxyacetone p glycerol-3-phosphate (G3P) and NAD- with mitochondrial glycerol-3-phosph	C-terminal structural domain contai I structural domain contains a β -folc shosphate (DHAP) and reduced nicoti -, and plays a key role in carbohydra- nate dehydrogenase to form a glycer rom the cytoplasm to the mitochond c disorders, such as obesity, hypertri	elonging to the NAD-dependent glycerol-3- ns multiple helical structures for binding led core for binding NADH. GPD1 catalyzes namide adenine dinucleotide (NADH) to te and lipid metabolism. GPD1 also works ophosphate shuttle system that facilitates ia. Abnormal activity of GPD1 has been glyceridemia, and GPD1 has been
Background Information	phosphate dehydrogenase family. Its the substrate DHAP, and its N-termina the conversion of dihydroxyacetone p glycerol-3-phosphate (G3P) and NAD- with mitochondrial glycerol-3-phosph the transfer of reducing equivalents fa associated with a variety of metaboli	C-terminal structural domain contai I structural domain contains a β-folc shosphate (DHAP) and reduced nicoti r, and plays a key role in carbohydra nate dehydrogenase to form a glycer rom the cytoplasm to the mitochondi c disorders, such as obesity, hypertri ng as a tumor suppressor.	ns multiple helical structures for binding led core for binding NADH. GPD1 catalyzes namide adenine dinucleotide (NADH) to te and lipid metabolism. GPD1 also works ophosphate shuttle system that facilitates ria. Abnormal activity of GPD1 has been

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84800-4-RR (GPD1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.