

GPD2 antibody

Product Information

Catalog No.:	FNab03581
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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 GPD1, 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.

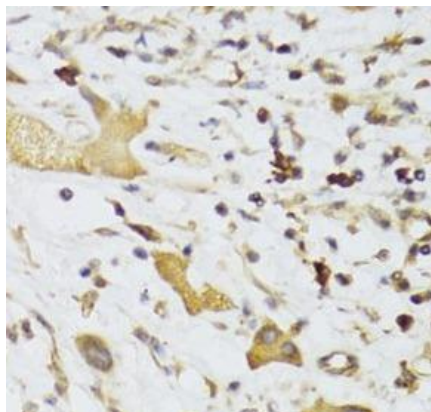
Immunogen information

Immunogen:	glycerol-3-phosphate dehydrogenase 2 (mitochondrial)
Synonyms:	Glycerol-3-phosphate dehydrogenase, mitochondrial (GPD-M, GPDH-M) mitochondrial glycerophosphate dehydrogenase gene (mGDH) mtGPD GPD2
Observed MW:	80 kDa
Uniprot ID :	P43304

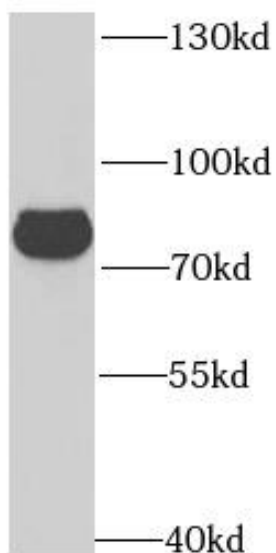
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human liver cancer using FNab03581(GPD2 antibody) at dilution of 1:100



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab03581(GPD2 antibody) at dilution of 1:1000