

## Product datasheet for **TA366530**

### GPD2 Rabbit Polyclonal Antibody

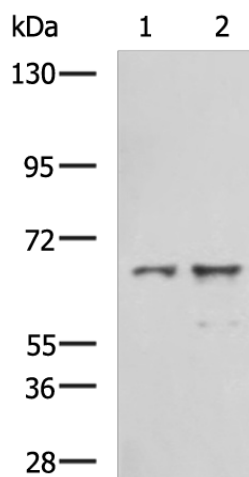
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse skeletal muscle tissue and Mouse brain tissue lysates IHC: 250-500 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GPD2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	68 kDa
Gene Name:	glycerol-3-phosphate dehydrogenase 2
Database Link:	<a href="#">Entrez Gene 2820 Human P43304</a>
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]
Synonyms:	AA408484; AI448216; AU021455; AW494132; Gdm1; Gpd-m; GPDH; Gpdh-m; mtGPDH; TISP38

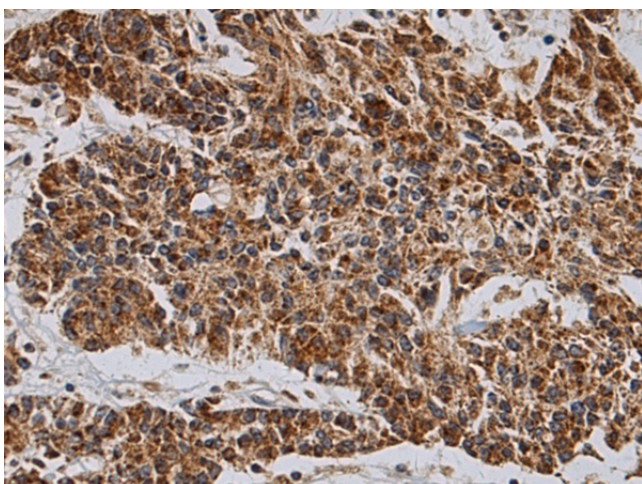


[View online »](#)

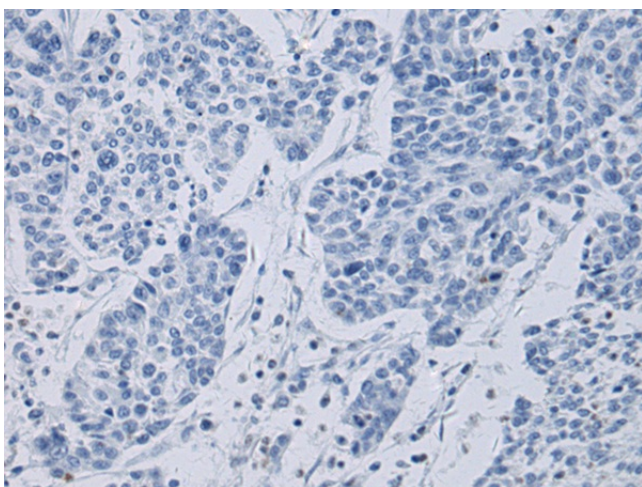
## Product images:



Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: Mouse skeletal muscle tissue and Mouse brain tissue lysates  
Primary antibody: TA366530 (GPD2 Antibody) at dilution 1/2000  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 3 minutes



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA366530 (GPD2 Antibody) at dilution 1/260 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA366530 (GPD2 Antibody) at dilution 1/260, treated with fusion protein. (Original magnification: ×200)