

GPD2 Antibody

Catalog No: #43415

Orders: order@signalwayantibody.com

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Description

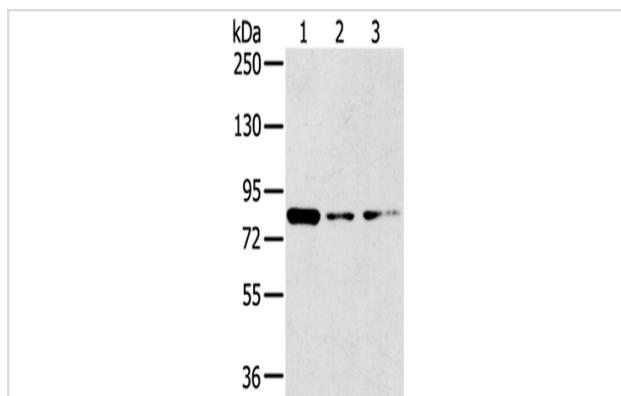
Product Name	GPD2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GPD2 protein.
Immunogen Description	Synthetic peptide of human GPD2
Target Name	GPD2
Other Names	GDH2; GPDM; mGPDH
Accession No.	Swiss-Prot#: P43304 Gene ID: 2820
Uniprot	P43304
GeneID	2820;
Calculated MW	81kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:20-1:100

Images



Gel: 6%SDS-PAGE

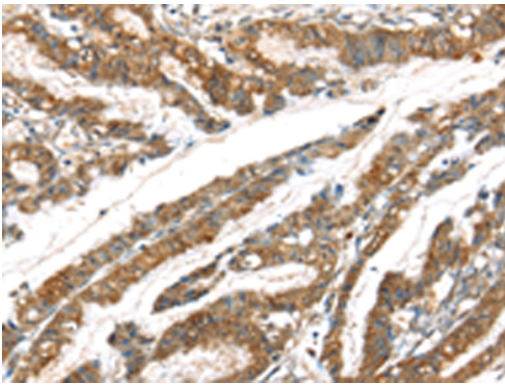
Lysate: 40 µg

Lane 1-3: A172 cells, 231 cells, HeLa cells,

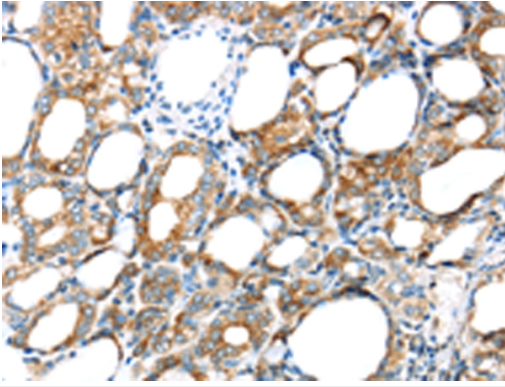
Primary antibody: 1/200 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #43415 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #43415 at dilution 1/20.

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.

Note: This product is for in vitro research use only