

For Research Use Only

Multi-rAb® DHRS2 Multi-Recombinant antibody

Catalog Number: RMX00088



Basic Information

Catalog Number: RMX00088	GenBank Accession Number: BC007339	Purification Method: N/A
Source: Rabbit	GeneID (NCBI): 10202	Recommended Dilutions: WB: 1:1000-1:8000 IHC: 1:250-1:1000 IF/ICC: 1:250-1:1000
Isotype: IgG	UNIPROT ID: Q13268	
	Full Name: dehydrogenase/reductase (SDR family) member 2	
	Calculated MW: 300 aa, 32 kDa	
	Observed MW: 27-30 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HepG2 cells, U2OS cells IHC : Hepatocellular carcinoma tissue, IF/ICC : U2OS cells,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

DHRS2(Dehydrogenase/reductase SDR family member 2) is also named as dicarbonyl reductase HEP27, Protein D and belongs to the short-chain dehydrogenases/reductases (SDR) family. It displays NADPH-dependent dicarbonyl reductase activity in vitro with 3,4-Hexanedione, 2,3-Heptanedione and 1-Phenyl-1,2-propanedione as substrates and there is no reductase activity displayed in vitro with steroids, retinoids and sugars as substrates. This protein also may inhibit cell replication. It has 2 isoforms produced by alternative splicing with the molecular weight of 27 kDa and 29 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol.
Aliquoting is unnecessary for -20°C storage

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

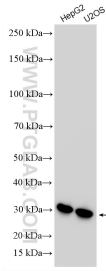
T: 4006900926

E: Proteintech-CN@ptglab.com

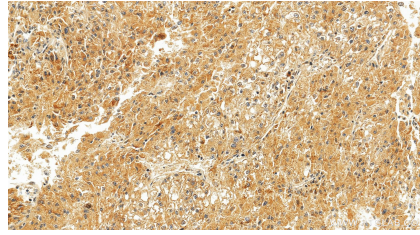
W: ptgcn.com

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

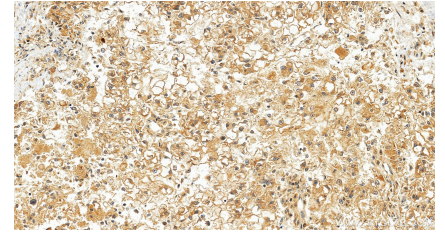
Selected Validation Data



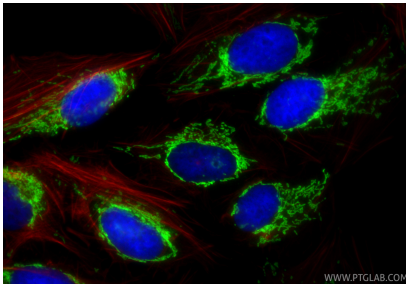
Various lysates were subjected to SDS PAGE followed by western blot with RMX00088 (DHR2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded Hepatocellular carcinoma tissue slide using RMX00088 (DHR2 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded Hepatocellular carcinoma tissue slide using RMX00088 (DHR2 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using DHR2 antibody (RMX00088) at dilution of 1:500 and CoralLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).