

For Research Use Only

DDR GK1 Recombinant monoclonal antibody

Catalog Number: 86667-2-RR



Basic Information

Catalog Number: 86667-2-RR	GenBank Accession Number: BC000643	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 65992	CloneNo.: 251582G2
Isotype: IgG	UNIPROT ID: Q96HY6	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:250-1:1000
Immunogen Catalog Number: AG13742	Full Name: DDR GK domain containing 1	
	Calculated MW: 314 aa, 36 kDa	
	Observed MW: 36-46 kDa	

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, mouse liver tissue, PC-3 cells, rat liver tissue, mouse lung tissue, rat lung tissue

IF/ICC : HepG2 cells,

Background Information

DDR GK1, also name as C20orf116, is a member of the DDR GK domain-containing protein family with unknown function. Depletion of DDR GK1 inhibits cell proliferation and invasion. Expression of NF- κ B target genes showed the most significant decrease after depleting of DDR GK1, suggesting that DDR GK1 may play an important role in the NF- κ B signaling pathway. DDR GK1 interacts with I κ B α and regulates its stability, thereby regulates the NF- κ B transcriptional activity. DDR GK1 acts as an important regulator of the NF- κ B pathway. (PMID: 23675531)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

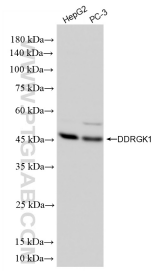
T: 4006900926

E: Proteintech-CN@ptglab.com

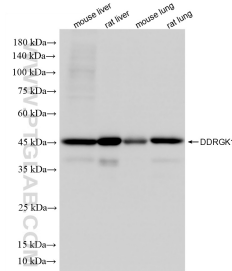
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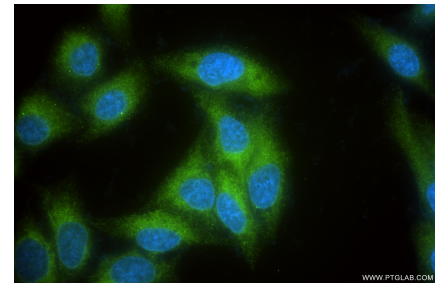
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86667-2-RR (DDRGK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DDRGK1 antibody (86667-2-RR, Clone: 251582G2) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).