

For Research Use Only

QPRT Polyclonal antibody

Catalog Number: 25174-1-AP **4 Publications**



Basic Information

Catalog Number: 25174-1-AP	GenBank Accession Number: BC018910	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop and 413 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23475	Recommended Dilutions: WB 1:1000-1:4000 IF 1:20-1:200
Source: Rabbit	Full Name: quinolinate phosphoribosyltransferase	
Isotype: IgG	Calculated MW: 297 aa, 31 kDa	
Immunogen Catalog Number: AG17680	Observed MW: 31 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : HepG2 cells, L02 cells IF : HepG2 cells,
Cited Applications: IF, IHC, WB	
Species Specificity: human	
Cited Species: human, mouse	

Background Information

QPRT, QAPRTase and QPRTase, is Nicotinate-nucleotide pyrophosphorylase which involved in the catabolism of quinolinic acid (QA). There're some isoforms with MW 31-33 kDa, 37 kDa and 42 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Teresa W-M Fan	36150727	J Immunol	
Xiaohan Jin	36243112	J Biol Chem	WB
Xiao Y Zhou	34079576	Front Genet	IHC

Storage

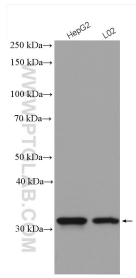
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

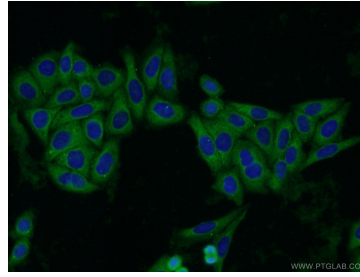
For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25174-1-AP (QPRT antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 25174-1-AP (QPRT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).