

For Research Use Only

FN3KRP Polyclonal antibody

Catalog Number: 16312-1-AP



Basic Information

Catalog Number: 16312-1-AP	GenBank Accession Number: BC014408	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 240 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79672	Recommended Dilutions: WB 1:500-1:1000 IF/ICC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9HA64	
Isotype: IgG	Full Name: fructosamine 3 kinase related protein	
Immunogen Catalog Number: AG9347	Calculated MW: 309 aa, 34 kDa	
	Observed MW: 30-34 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HEK-293 cells, mouse kidney tissue, rat kidney tissue IF/ICC : HeLa cells,

Background Information

F_n3KRP (F_n3K-related protein) are believed to be the first examples of deglycating enzymes acting on the Amadori product to reverse the early stages of the Maillard reaction in vivo in higher organisms (PMID: 17337043). F_n3KRP possesses an ATP-binding domain that is structurally related to that of both the aminoglycoside kinases and eukaryotic protein kinases. F_n3KRP possesses an intrinsic activity towards ketosamine substrates (PMID: 18637789). Catalog#16312-1-AP is a rabbit polyclonal antibody raised against the full-length of human FN3KRP. The MW of this protein is 34 kDa, and this antibody specially recognises the 34 kDa protein.

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

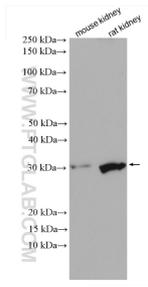
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

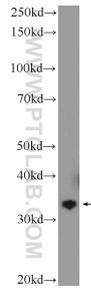
E: proteintech@ptglab.com
W: ptglab.com

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

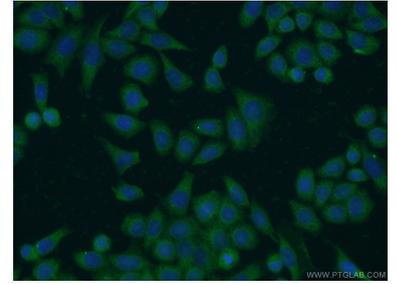
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16312-1-AP (FN3KRP antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 16312-1-AP (FN3KRP Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 16312-1-AP (FN3KRP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).