

For Research Use Only

FNIP1 Polyclonal antibody

Catalog Number: 28380-1-AP

1 Publications



Basic Information

Catalog Number: 28380-1-AP	GenBank Accession Number: BC001956	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 96459	Recommended Dilutions: WB 1:500-1:1000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8TF40	
Isotype: IgG	Full Name: folliculin interacting protein 1	
Immunogen Catalog Number: AG28976	Calculated MW: 508 aa, 57 kDa	
	Observed MW: 130-150 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : mouse liver tissue, rat liver tissue IF/ICC : C2C12 cells,
Cited Applications: WB	
Species Specificity: Human, mouse, rat	
Cited Species: mouse	

Background Information

Folliculin-interacting protein 1 (FNIP1) forms a complex with the protein folliculin (FLCN), together acting as guanosine triphosphate (GTP)-activating protein (GAP) for RagC. The FNIP1-FLCN complex has emerged as an amino acid sensor to the mechanistic target of rapamycin complex 1 (mTORC1), involved in how amino acids control TFEB activation. AMPK phosphorylation of FNIP1 induces lysosomal and mitochondrial biogenesis (PMID: 37079666)

Notable Publications

Author	Pubmed ID	Journal	Application
Wenqian Zhang	37521275	Bioact Mater	WB

Storage

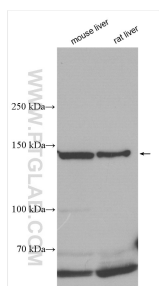
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

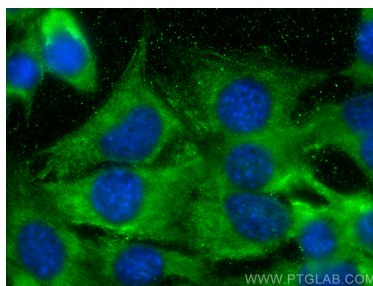
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28380-1-AP (FNIP1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. .



Immunofluorescent analysis of (-20°C Methanol) fixed C2C12 cells using FNIP1 antibody (28380-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).