

For Research Use Only

PACS2-Specific Recombinant antibody

Catalog Number:85696-2-RR



Basic Information

Catalog Number: 85696-2-RR	GenBank Accession Number: NM_015197	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23241	CloneNo.: 243051C8
Source: Rabbit	UNIPROT ID: Q86VP3	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: phosphofurin acidic cluster sorting protein 2	
	Calculated MW: 98 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U-251 cells, U-87 MG cells, NIH/3T3 cells
Species Specificity: human, mouse	

Background Information

PACS2, also named PACS1L or KIAA0602, is one of PACS (phosphofurin acidic cluster sorting) proteins which are one such family of multifunctional membrane traffic regulators that mediate organ homeostasis and have important roles in diverse pathologies and disease states. PACS2 is a multifunctional sorting protein that controls the endoplasmic reticulum (ER)-mitochondria communication, ER homeostasis, and apoptosis. PACS2 may be involved in ion channel trafficking, directing acidic cluster-containing ion channels to distinct subcellular compartments.

Storage

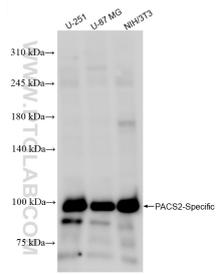
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85696-2-RR (PACS2-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.