

For Research Use Only

RUFY1 Recombinant antibody, PBS Only

Catalog Number: 85839-4-PBS



Basic Information

Catalog Number: 85839-4-PBS	GenBank Accession Number: BC032571	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 80230	CloneNo.: 250159A3
Source: Rabbit	UNIPROT ID: Q96T51	
Isotype: IgG	Full Name: RUN and FYVE domain containing 1	
Immunogen Catalog Number: AG4324	Calculated MW: 708 aa, 80 kDa	
	Observed MW: 80 kDa, 69 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

Rab proteins form the largest group within the Ras superfamily of small GTPases, which acts as molecular switches by cycling between their inactive active GTP-bound and GDP-bound forms [PMID:15520808]. The small GTP-binding protein Rab4 has been involved in the recycling of $\alpha\beta 3$ integrins in response to platelet-derived growth factor (PDGF) stimulation suggesting a role for Rab4 in cell adhesion and migration [PMID:17001082]. Rabip4 (Rab4 interacting protein), which possesses a RUN domain, two coiled-coil domains and a FYVE finger, was identified as an effector of Rab4, a small GTPase that plays a role in the endocytotic pathway in all cell types [PMID:11172003]. RUFY1 exists three isoforms and molecular weight of isoforms are 80 kDa, 69 kDa and 45 kDa.

Storage

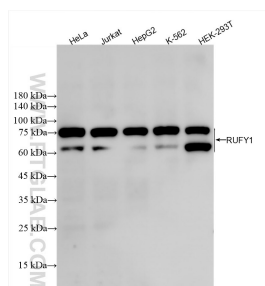
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

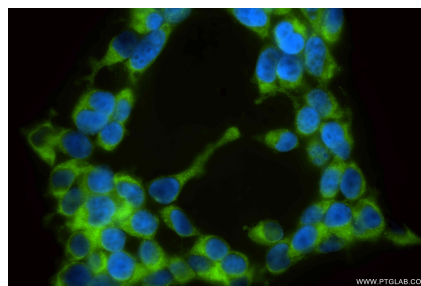
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85839-4-RR (RUFY1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85839-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using RUFY1 antibody (85839-4-RR, Clone: 250159A3) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 85839-4-PBS in a different storage buffer formulation.