

For Research Use Only

VPS37C Polyclonal antibody, PBS Only

Catalog Number: 27128-1-PBS



Basic Information

Catalog Number: 27128-1-PBS	GenBank Accession Number: BC141827	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55048	
Source: Rabbit	UNIPROT ID: A5D8V6	
Isotype: IgG	Full Name: vacuolar protein sorting 37 homolog C (<i>S. cerevisiae</i>)	
Immunogen Catalog Number: AG26024	Observed MW: 39-45 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

VPS37C (Vacuolar protein sorting-associated protein 37C) is also named as hVps37C, PML39 and ESCRT-I complex subunit VPS37C. VPS37C is a core subunit of the Endosomal sorting complex required for transport-I (ESCRT-I) complex (PMID: 37307706). VPS37C interacts with EKLF and prevents K48-linked polyubiquitination of EKLF and proteasome-mediated EKLF degradation, thus enhancing EKLF protein stability and transcriptional activity (PMID: 37307706).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

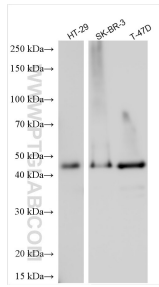
For technical support and original validation data for this product please contact:

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

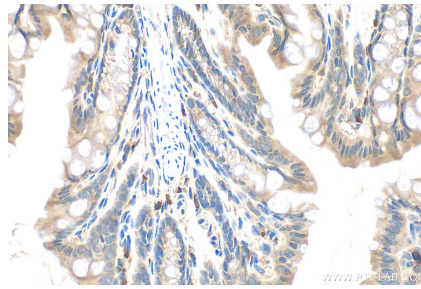
E: proteintech@ptglab.com
W: ptglab.com

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

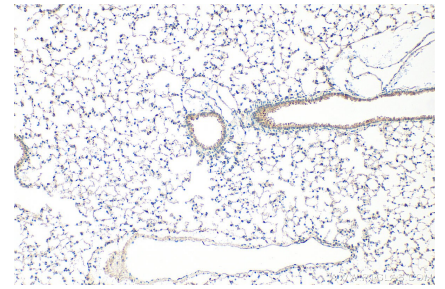
Selected Validation Data



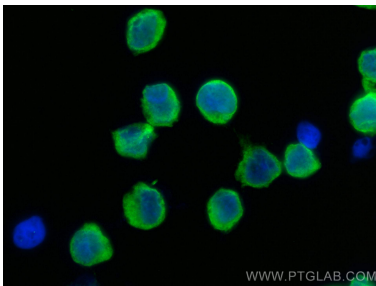
Various lysates were subjected to SDS PAGE followed by western blot with 27128-1-AP (VPS37C antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27128-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 27128-1-AP (VPS37C antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27128-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 27128-1-AP (VPS37C antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27128-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using VPS37C antibody (27128-1-AP) at dilution of 1:400 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 27128-1-PBS in a different storage buffer formulation.