

For Research Use Only

VPS15 Polyclonal antibody

Catalog Number: 17894-1-AP **10 Publications**



Basic Information

Catalog Number:

17894-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12221

GenBank Accession Number:

BC110318

GeneID (NCBI):

30849

UNIPROT ID:

Q99570

Full Name:

phosphoinositide-3-kinase,
regulatory subunit 4

Calculated MW:

1358 aa, 153 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IP, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, HeLa cells

IF/ICC : HeLa cells,

Background Information

PIK3R4(phosphoinositide 3-kinase regulatory subunit 4) is also named as PI3-kinase p150 subunit and belongs to the Ser/Thr protein kinase family. It is a regulatory subunit of the PI3K complex and may regulate membrane trafficking late in the endocytic pathway. This protein can be probably autophosphorylated(PMID:19369195).

Notable Publications

Author	Pubmed ID	Journal	Application
Meng Zhang	30423407	Cancer Lett	
Yiyuan Kang	34772551	J Hazard Mater	WB
Shirley Tremel	33692360	Nat Commun	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

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

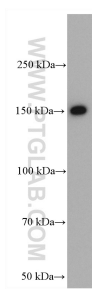
T: 4006900926

E: Proteintech-CN@ptglab.com

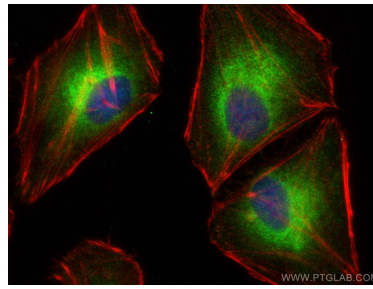
W: ptgcn.com

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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 17894-1-AP (VPS15 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using VPS15 antibody (17894-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).