For Research Use Only

VPS15 Polyclonal antibody

Catalog Number:17894-1-AP 10 Publications

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Basic Information

Catalog Number:
17894-1-AP

Size:
150ul , Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

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

*** 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)
E: proteintech@ptglab.com
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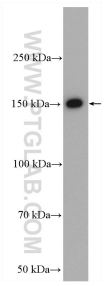
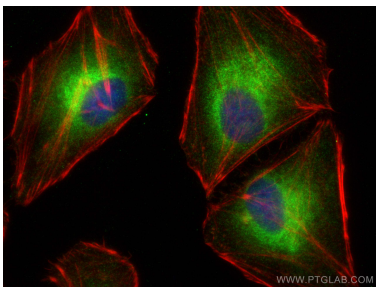
Selected Validation Data



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).