

For Research Use Only

# VPS15 Polyclonal antibody

Catalog Number: 17894-1-AP **8 Publications**



## Basic Information

**Catalog Number:**

17894-1-AP

**Size:**

500 µg/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 1:10-1:100

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Cited Applications:**

CoIP, IP, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse

**Positive Controls:**

WB : HepG2 cells, HeLa cells

IF : 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:

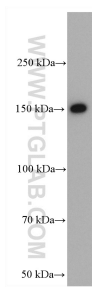
T: 4006900926

E: Proteintech-CN@ptglab.com

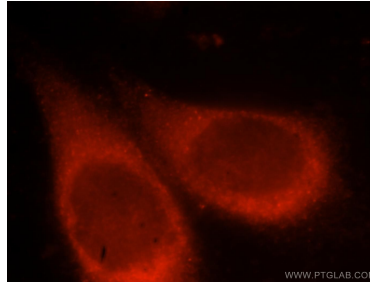
W: ptgcn.com

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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 HeLa cells, using PIK3R4 antibody 17894-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).