

For Research Use Only

# VPS15 Polyclonal antibody

Catalog Number: 17894-1-AP **7 Publications**



## Basic Information

<b>Catalog Number:</b> 17894-1-AP	<b>GenBank Accession Number:</b> BC110318	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 30849	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> phosphoinositide-3-kinase, regulatory subunit 4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1358 aa, 153 kDa	
<b>Immunogen Catalog Number:</b> AG12221	<b>Observed MW:</b> 150 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, HeLa cells IF : HeLa cells,
<b>Cited Applications:</b> CoIP, IP, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, rat	

## 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

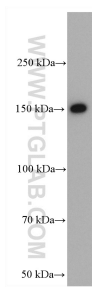
## Storage

**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

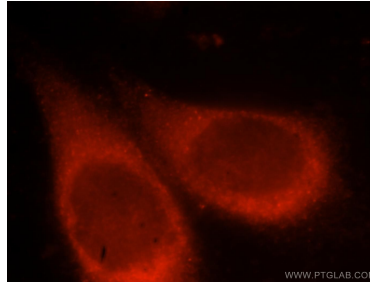
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## Selected Validation Data



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).