

# PIK3C3/VPS34 Rabbit pAb

Catalog No.: A4021 **1 Publications**

## Basic Information

### Observed MW

100kDa

### Calculated MW

102kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables 1-phosphatidylinositol-3-kinase activity. Involved in early endosome to late endosome transport and regulation of cytokinesis. Acts upstream of or within autophagy and protein lipidation. Located in autolysosome; late endosome; and midbody.

## Recommended Dilutions

WB 1:200 - 1:2000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

5289

### Swiss Prot

Q8NEB9

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 150-250 of human PIK3C3/VPS34 (NP\_002638.2).

### Synonyms

VPS34; Vps34; hVps34; PIK3C3/VPS34

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

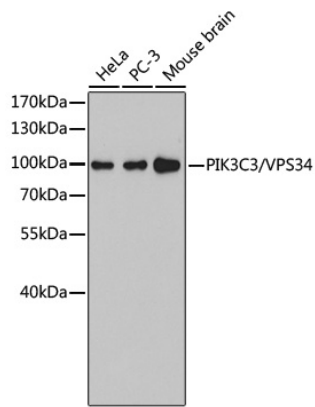
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

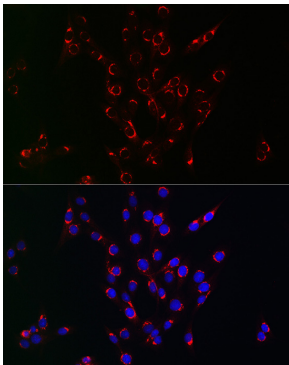
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using PIK3C3/VPS34 antibody (A4021).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of PC-12 cells using PIK3C3/VPS34 antibody (A4021) at dilution of 1:100. Blue: DAPI for nuclear staining.