

A12483

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## PIK3C3/VPS34 Rabbit pAb

Catalog No.: A12483

5 Publications

### Basic Information

#### Observed MW

100kDa

#### Calculated MW

102kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IHC-P,IF/ICC,ELISA

#### 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** 1:100 - 1:500

**IHC-P** 1:100 - 1:200

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

5289

#### Swiss Prot

Q8NEB9

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 130-412 of human PIK3C3/VPS34 (NP\_002638.2).

#### Synonyms

VPS34; Vps34; hVps34; PIK3C3/VPS34

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

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

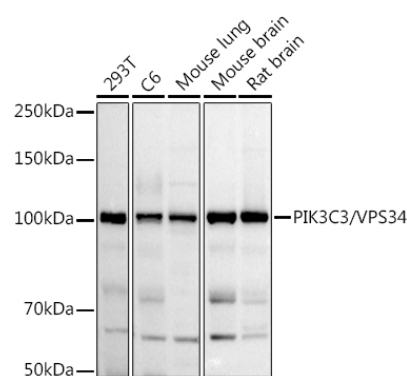
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

### Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Western blot analysis of various lysates using PIK3C3/VPS34 Rabbit pAb (A12483) at 1:500 dilution.

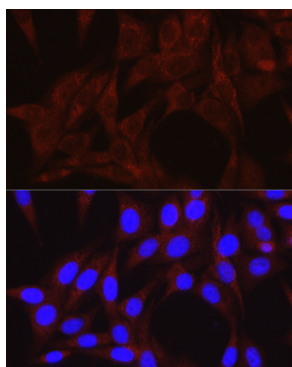
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunofluorescence analysis of NIH/3T3 cells using PIK3C3/VPS34 Rabbit pAb (A12483) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.