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PIK3C3/VPS34 Rabbit pAb

Catalog No.: A12483 **5 Publications**

Basic Information

Observed MW
100kDa

Calculated MW
102kDa

Category
Primary antibody

Applications
WB,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
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 protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
VPS34; Vps34; hVps34; PIK3C3/VPS34

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

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.

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