

PIK3C3/VPS34 Rabbit pAb

Catalog No.: A12483 **4 Publications**

Basic Information

Observed MW

100kDa

Calculated MW

102kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, 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	1:100 - 1:500
IHC-P	1:100 - 1:200
IF/ICC	1:50 - 1:200

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

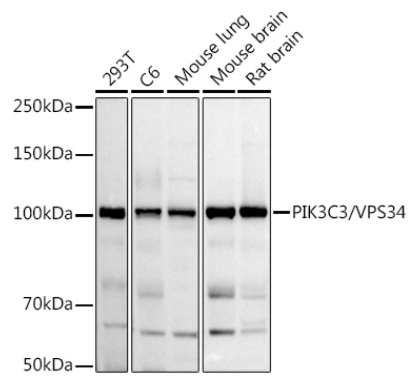
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts of various cell lines, using PIK3C3/VPS34 antibody (A12483) at 1:500 dilution.

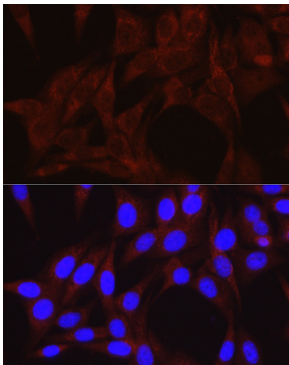
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

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). Blue: DAPI for nuclear staining.