

## Product datasheet for TA379927S

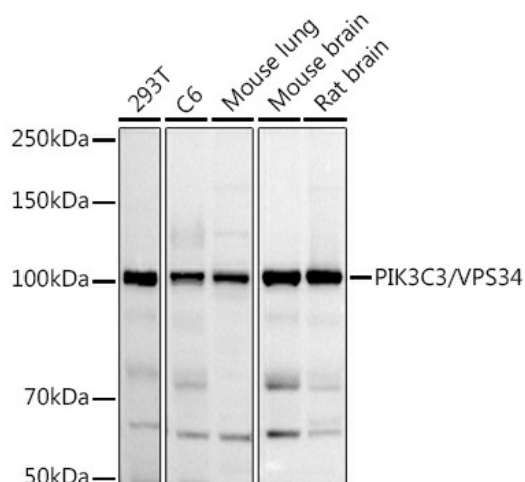
### PI 3 Kinase Class 3 (PIK3C3) Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | ELISA, ICC/IF, IHC, WB   |
| Recommended Dilution:   | WB, 1:100 - 1:500<br>IHC-P, 1:100 - 1:200<br>IF/ICC, 1:50 - 1:200<br>ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.  |
| Reactivity:             | Human, Mouse, Rat  |
| Modifications:          | Unmodified   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Formulation:            | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.   |
| Concentration:          | lot specific   |
| Purification:           | Affinity purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.  |
| Stability:              | Shelf life: one year from despatch.  |
| Predicted Protein Size: | 102kDa   |
| Gene Name:              | phosphatidylinositol 3-kinase catalytic subunit type 3   |
| Database Link:          | <a href="#">Entrez Gene 5289 Human Q8NEB9</a>  |
| 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. |
| Synonyms:               | MGC61518; VPS34  |


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## Product images:



Western blot analysis of various lysates using PIK3C3/VPS34 Rabbit pAb (TA379927) at 1:500 dilution.

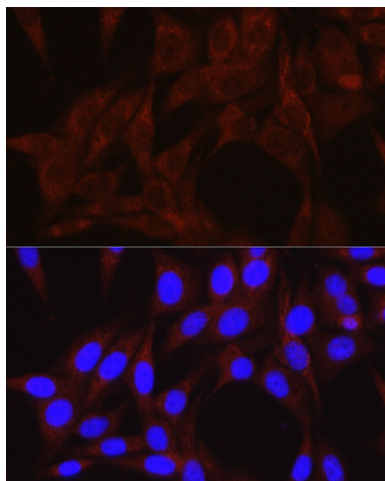
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

Exposure time: 90s.



Immunofluorescence analysis of NIH/3T3 cells using PIK3C3/VPS34 Rabbit pAb (TA379927) 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.