

## Anti-PI3 kinase p100 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P101286

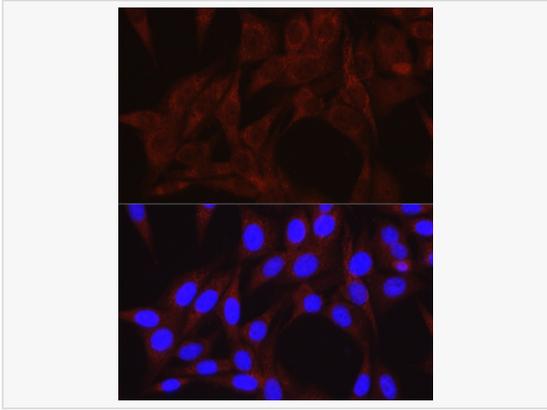
### Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:100~1:500; IHC-P 1:100~1:200; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 130-412 of human PIK3C3/VPS34 (NP_002638.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PI3 kinase p100 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

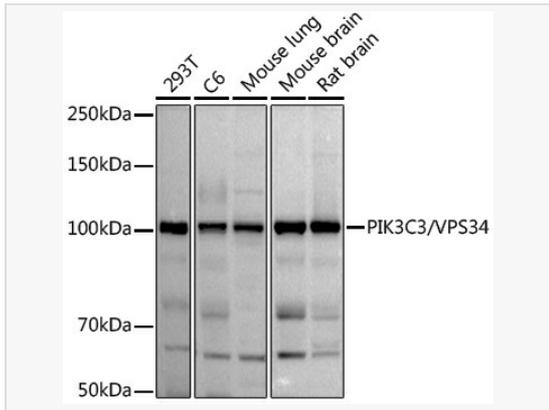
### Protein Information

Synonyms	VPS34; Vps34; hVps34; PIK3C3/VPS34.
Calculated MW	Calculated MW: 102 kDa; Observed MW: 100 kDa
Uniprot ID	Q8NEB9
Gene ID	5289
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.

## Validation Images



Immunofluorescence analysis of NIH/3T3 cells using PIK3C3/VPS34 Rabbit pAb (P101286) at dilution of 1:50 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using PIK3C3/VPS34 Rabbit pAb (P101286) at 1:500 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 90s.