Product Datasheet

PIK3C3 Rabbit Polyclonal Antibody

Catalog No: #29550

Package Size: #29550-1 50ul #29550-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

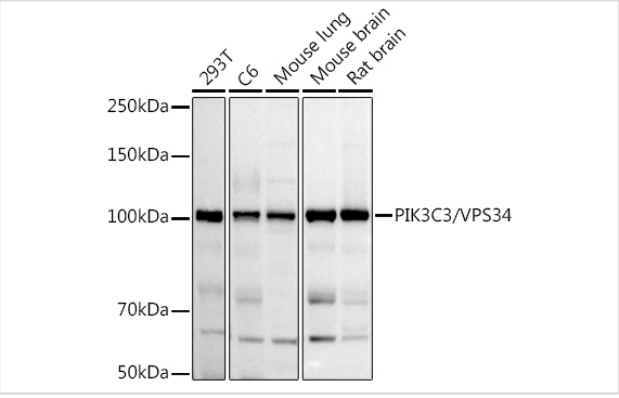
Description

Product Name	PIK3C3 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human PIK3C3/VPS34 (NP_002638.2).
Other Names	PIK3C3;VPS34;Vps34;hVps34
Accession No.	Uniprot:Q8NEB9GeneID:5289
Calculated MW	101kDa
SDS-PAGE MW	100KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

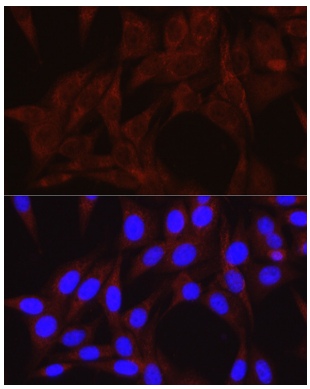
Application Details

WB□1:500 - 1:2000IHC□1:100 - 1:200IF□1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using PIK3C3/VPS34 antibody.



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

Background

Catalytic subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis. As part of PI3KC3-C1, promotes endoplasmic reticulum membrane curvature formation prior to vesicle budding. Involved in regulation of degradative endocytic trafficking and required for the abcission step in cytokinesis, probably in the context of PI3KC3-C2. Involved in the transport of lysosomal enzyme precursors to lysosomes. Required for transport from early to late endosomes (By similarity.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.