

PIK3C3/VPS34 polyclonal antibody

Catalog: BS74310

Host: Rabbit

Reactivity: Human, Mouse

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 abscission 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).

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

102kDa

Swiss-Prot:

Q8NEB9

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:2000

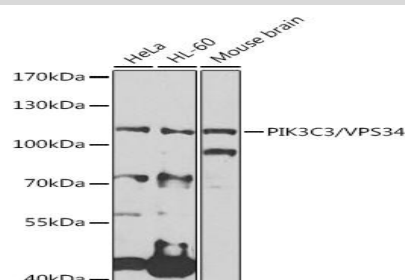
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

Unmodification

DATA:



Western blot analysis of extracts of various cell lines, using

PIK3C3/VPS34 antibody at 1:1000 dilution. Secondary antibody:

HRP Goat Anti-Rabbit IgG at 1:10000 dilution.

Lysates/proteins: 25ug per lane. Blocking buffer: 3%

nonfat dry milk in TBST. Detection: ECL Enhanced

Kit. Exposure time: 90s.

Note:

For research use only, not for use in diagnostic procedure.

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