

PIK3R4/VPS15 Rabbit mAb

Catalog No.: A5922 **Recombinant**

Basic Information

Observed MW

153kDa

Calculated MW

153kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2090

Background

Predicted to enable protein serine/threonine kinase activity. Involved in positive regulation of phosphatidylinositol 3-kinase activity; receptor catabolic process; and regulation of cytokinesis. Located in late endosome and microtubule cytoskeleton.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

30849

Swiss Prot

Q99570

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1259-1358 of human PIK3R4/VPS15 (Q99570).

Synonyms

p150; VPS15; PIK3R4/VPS15

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

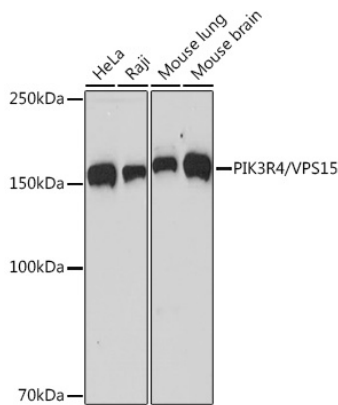
Affinity purification

Storage

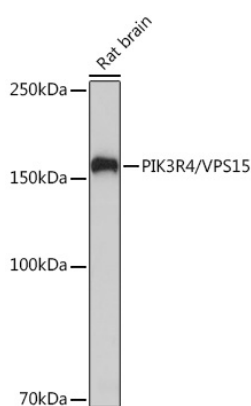
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

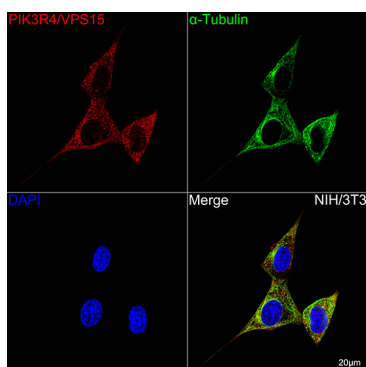
Validation Data



Western blot analysis of various lysates using PIK3R4/VPS15 Rabbit mAb (A5922) at 1:1000 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: 60s.



Western blot analysis of lysates from Rat brain, using PIK3R4/VPS15 Rabbit mAb (A5922) at 1:1000 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: 180s.



Confocal imaging of NIH/3T3 cells using PIK3R4/VPS15 Rabbit mAb (A5922, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.