

# Product Datasheet

## VPS34 Antibody (9U5O3)

### NBP3-15441-100ul

Unit Size: 100 ul

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

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**NBP3-15441-100ul**

VPS34 Antibody (9U5O3)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	9U5O3
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA

**Product Description**

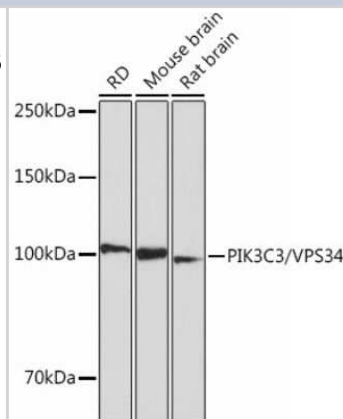
<b>Host</b>	Rabbit
<b>Gene ID</b>	5289
<b>Gene Symbol</b>	PIK3C3
<b>Species</b>	Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 788-887 of human VPS34 (Q8NEB9). GGTQSEQYQEFRKQCYTAFLHLRRYSNLILNLFSLMVDANIPDIALEPDKTVKKV QDKFRLDLSDEEAVHYMQSLIDESVHALFAAVVEQIHKFAQYWVK

**Product Application Details**

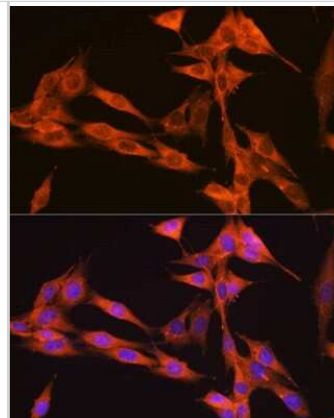
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:100 - 1:500

**Images**

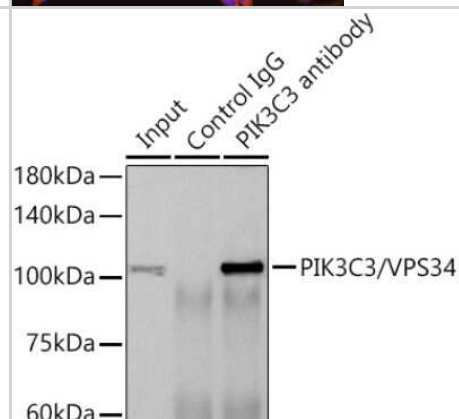
Western Blot: VPS34 Antibody (9U5O3) [NBP3-15441] - Western blot analysis of extracts of various cell lines, using VPS34 Rabbit mAb (NBP3-15441) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



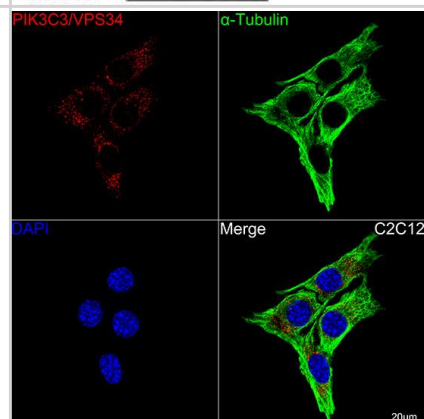
Immunocytochemistry/Immunofluorescence: VPS34 Antibody (9U5O3) [NBP3-15441] - Immunofluorescence analysis of NIH-3T3 cells using VPS34 Rabbit mAb (NBP3-15441) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



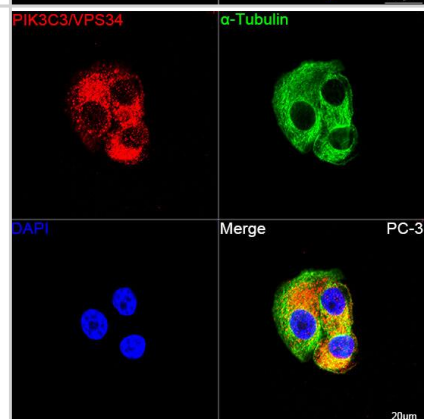
Immunoprecipitation: VPS34 Antibody (9U5O3) [NBP3-15441] - Immunoprecipitation analysis of 600ug extracts of Rat brain cells using 3ug VPS34 antibody (NBP3-15441). Western blot was performed from the immunoprecipitate using VPS34 antibody (NBP3-15441) at a dilution of 1:500.



Immunocytochemistry/ Immunofluorescence: VPS34 Antibody (9U5O3) [VPS34] - Confocal imaging of C2C12 cells using VPS34 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: VPS34 Antibody (9U5O3) [VPS34] - Confocal imaging of PC-3 cells using VPS34 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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### **Products Related to NBP3-15441-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB110-87320PEP	VPS34 Antibody Blocking Peptide

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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