

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)

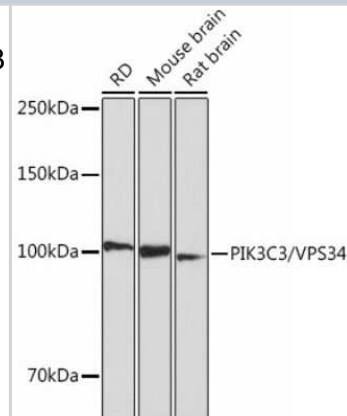
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9U5O3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer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

Product Description	
Description	Novus Biologicals Rabbit VPS34 Antibody (9U5O3) (NBP3-15441) is a recombinant monoclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5289
Gene Symbol	PIK3C3
Species	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 788-887 of human VPS34 (Q8NEB9). GGTQSEQYQEFKQCYTAFHLHRRYSNLILNLFSLMVDANIPDIALEPDKTVKKV QDKFRLDLSDEEAVHYMQSLIDESVHALFAAVVEQIHKFAQYWRK

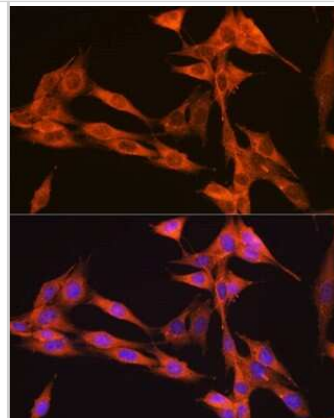
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:100 - 1:500

Images

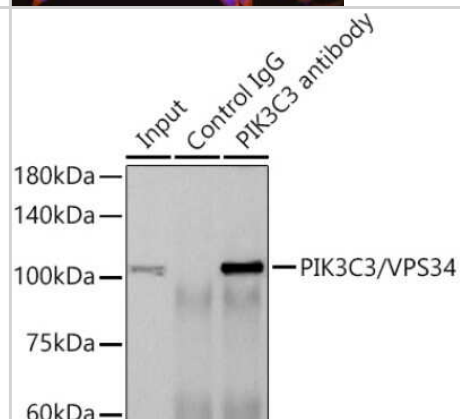
Western Blot: VPS34 Antibody (9U5O3) [NBP3-15441] - Western blot analysis of extracts of various cell lines, using VPS34 Rabbit mAb (NBP3-15441) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry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



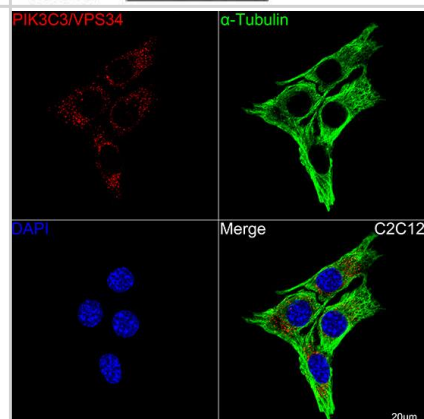
Immunocytochemistry/Immunofluorescence: VPS34 Antibody (9U5O3) [NBP3-15441] - Immunofluorescence analysis of NIH-3T3 cells using VPS34 Rabbit mAb (NBP3-15441) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



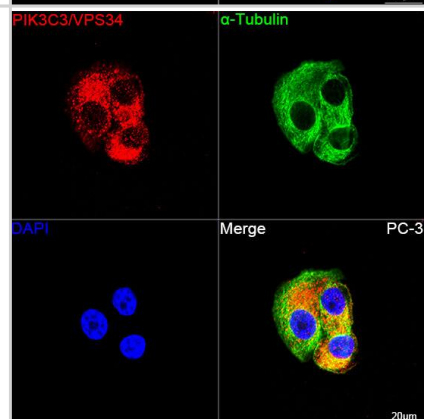
Immunoprecipitation: VPS34 Antibody (9U5O3) [NBP3-15441] - Immunoprecipitation analysis of 600ug extracts of Rat brain cells using 3ug VPS34 antibody (NBP3-15441). Western blot was performed from the immunoprecipitate using VPS34 antibody (NBP3-15441) at a dilution of 1:500.



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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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