

Product Datasheet

PI3KC3 Antibody (S34) (orb1933072)

Catalog Number	orb1933072
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	PIK3C3 (HGNC:8974)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Mouse, Other, Porcine, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This PI3KC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-39 amino acids from human PI3KC3. Antigen Region: 14-39 aa.
UniProt ID	Q8NEB9
MW	101549 Da
Tested applications	IF, IHC-P, WB
Dilution range	IF - 1:200, WB - 1:1000, IHC-P - 1:100

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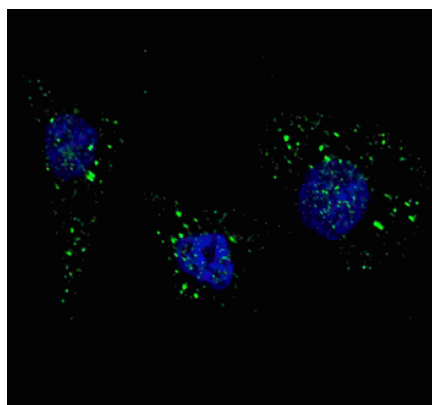
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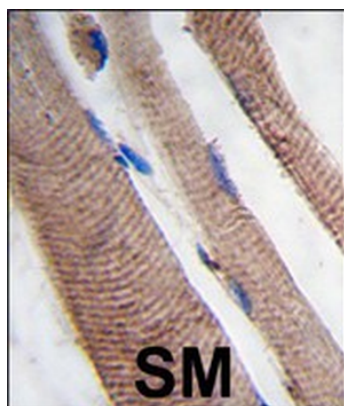
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Clone Number	BTD33017
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_002638.2
Expiration Date	12 months from date of receipt.



Fluorescent image of U251 cells stained with PI3KC3 (S34) antibody. U251 cells were treated with Chloroquine (50 μ M, 16 h), then fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with PI3KC3 (S34) primary antibody (1:200, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1 h). Nuclei were counterstained with Hoechst 33342 (blue) (10 μ g/ml, 5 min). PI3KC3 immunoreactivity is localized to autophagic vacuoles in the cytoplasm of U251 cells.



Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with PI3KC3 Antibody (S34), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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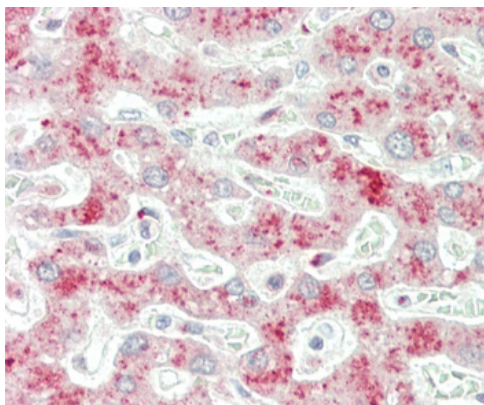
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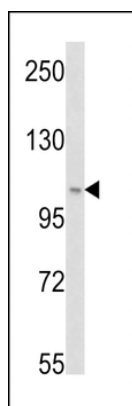
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Formalin-fixed and paraffin-embedded H.liver tissue reacted with PI3KC3 Antibody (S34).



Western blot analysis of PI3KC3 (S34) in Hela cell line lysates (35 ug/lane). PI3KC3 (arrow) was detected using the purified Pab.

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