

Product Datasheet

PIK3R1 Rabbit Polyclonal Antibody (orb11271)

Catalog Number	orb11271
Category	Antibodies
Description	PIK3R1 Rabbit Polyclonal Antibody
Target	PIK3R1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Equine, Gallus
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human PI3 kinase p85 subunit alpha (501-600/724aa)
UniProt ID	P27986
RRID	AB_10747969

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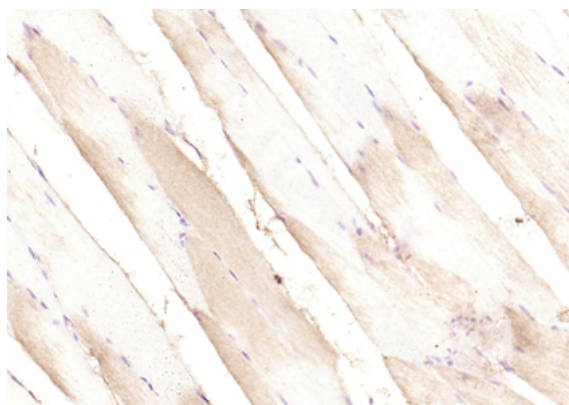
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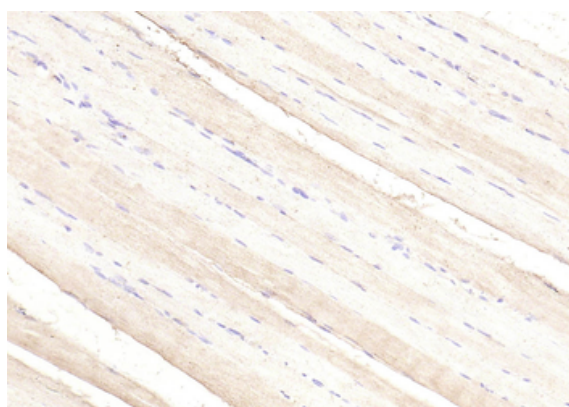
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MW	85 kDa
Tested applications	FC, ICC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for 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
Expiration Date	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (mouse skeletal muscle), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (PI 3 Kinase p85 alpha) Polyclonal Antibody, Unconjugated (orb11271) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat skeletal muscle), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (PI 3 Kinase p85 alpha) Polyclonal Antibody, Unconjugated (orb11271) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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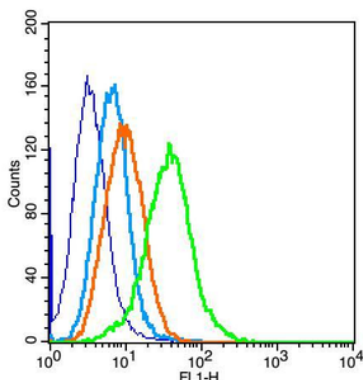
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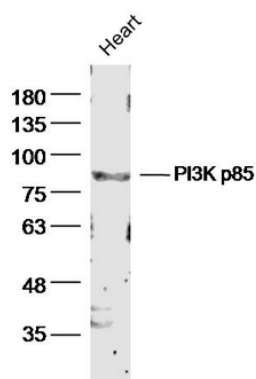
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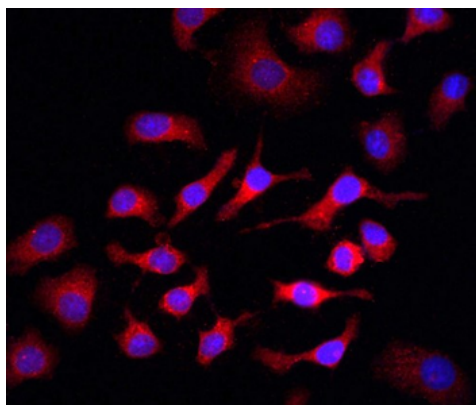
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Positive control: H9C2 (2% Paraformaldehyde-fixed), Isotype Control Antibody, Antibody: Rabbit IgG, Dilution: 1 μ g in 100 μ l 1 X PBS containing 0.5% BSA, Secondary Antibody, Antibody: Goat anti-rabbit IgG-FITC, Dilution: 1:200 in 1 X PBS containing 0.5% BSA, Primary Antibody, orb10295, Dilution: 1 μ g in 100 μ l 1X PBS containing 0.5% BSA.



Sample: Heart (mouse) Lysate at 40 μ g, Primary: Anti-PI3K p85 (orb11271) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 80kD, Observed band size: 85 kD.



Tissue/Cell: HepG2 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (PI3K p85) polyclonal Antibody, Unconjugated (orb11271) 1:100, 90 minutes at 37°C, followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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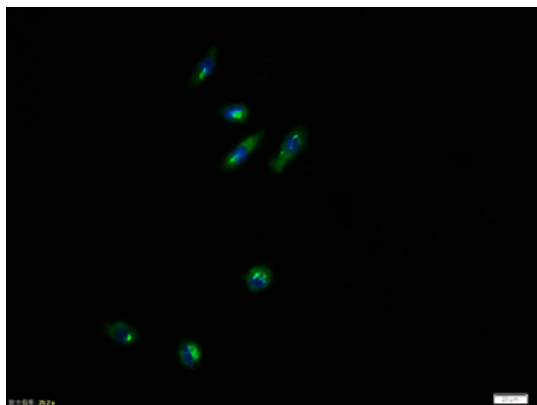
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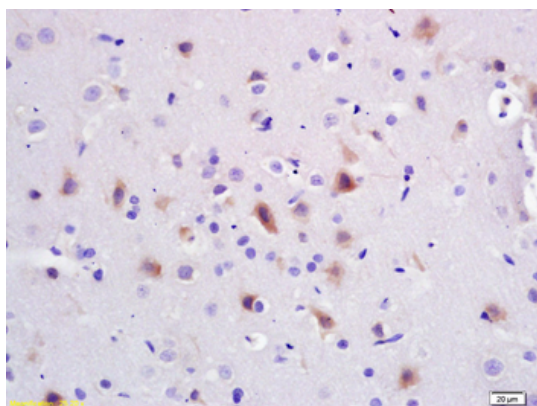
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Tissue/Cell: NIH/3T3 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (PI 3 Kinase p85 alpha) polyclonal Antibody, Unconjugated (orb11271) 1:100, 90 minutes at 37°C, followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Tissue/Cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-PI3K/PI3 kinase p85 alpha subunit Polyclonal Antibody, Unconjugated (orb11271) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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