

## Product Datasheet

# Phospho-PI3KCA (Tyr317) Rabbit Polyclonal Antibody (orb6718)

<b>Catalog Number</b>	orb6718
<b>Category</b>	Antibodies
<b>Description</b>	Phospho-PI3KCA (Tyr317) Rabbit Polyclonal Antibody
<b>Target</b>	PIK3CA
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated Synthesised phosphopeptide derived from human PI3KCA around the phosphorylation site of Tyr317 TP(p-Y)MN
<b>UniProt ID</b>	<b>P42336</b>

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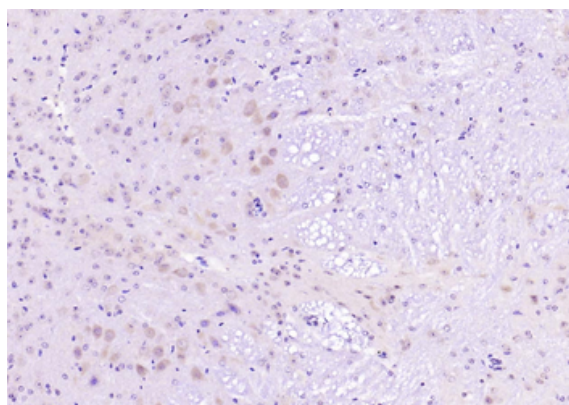
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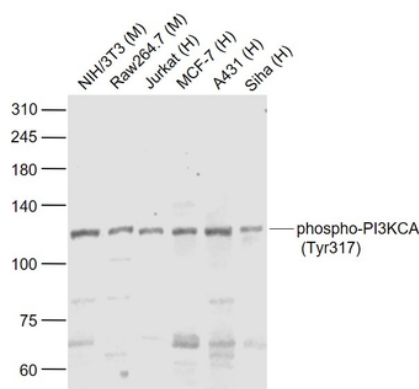
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<b>RRID</b>	AB_10931286
<b>MW</b>	124 kDa
<b>Tested applications</b>	IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated 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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (mouse brain), 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 (phospho-PI3KCA (Tyr317)) Polyclonal Antibody, Unconjugated (orb6718) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: NIH/3T3 (Mouse) Cell Lysate at 30 ug, Lane 2: Raw264.7 (Mouse) Cell Lysate at 30 ug, Lane 3: Jurkat (Human) Cell Lysate at 30 ug, Lane 4: MCF-7 (Human) Cell Lysate at 30 ug, Lane 5: A431 (Human) Cell Lysate at 30 ug, Lane 6: Siha (Human) Cell Lysate at 30 ug, Primary: Anti-phospho-PI3KCA (Tyr317) (orb6718) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 110/120 kD, Observed band size: 110 kD.

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