

## Product Datasheet

# PI3 Kinase p110 beta Rabbit Polyclonal Antibody (orb185885)

<b>Catalog Number</b>	orb185885
<b>Category</b>	Antibodies
<b>Description</b>	PI3 Kinase p110 beta Rabbit Polyclonal Antibody
<b>Target</b>	PIK3CB
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Mouse, 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 synthetic peptide derived from human PI3 Kinase p110 beta
<b>UniProt ID</b>	<b>P42338</b>
<b>MW</b>	123 kDa

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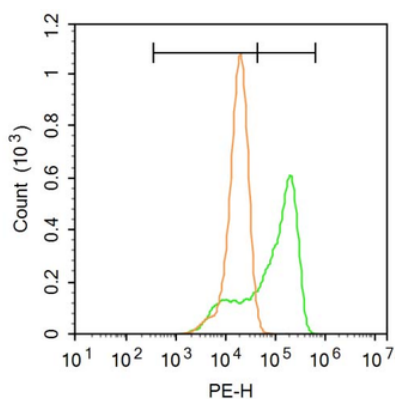
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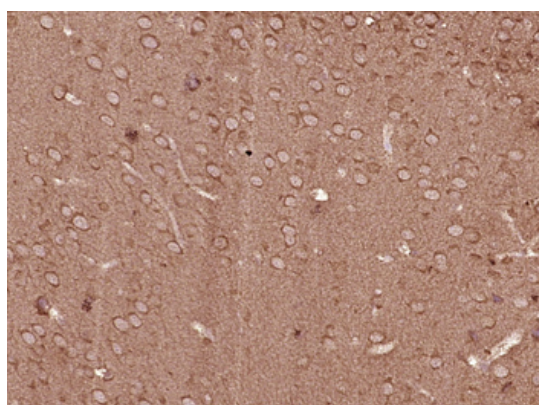
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<b>Tested applications</b>	ICC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:50-200, IF=1:100-500
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 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.



Blank control: A549. Primary Antibody (green line): Rabbit Anti-PI3 Kinase p110 beta antibody (orb185885), dilution: 1 µg/10<sup>6</sup> cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE, dilution: 3 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



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 (PI3 Kinase p110 beta) Polyclonal Antibody, Unconjugated (orb185885) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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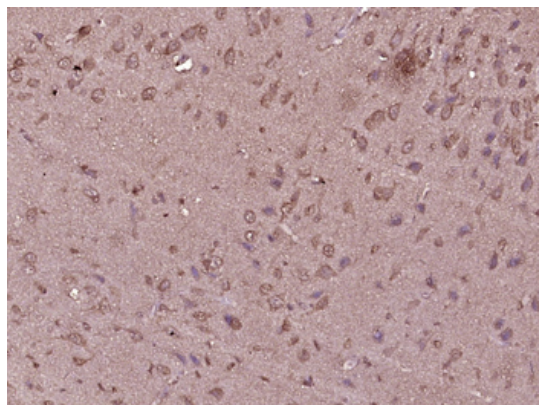
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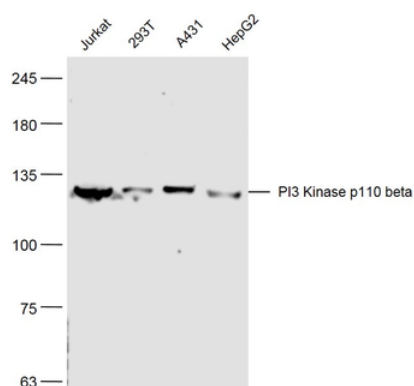
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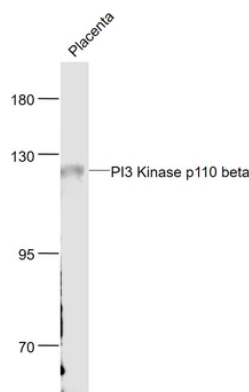
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Paraformaldehyde-fixed, paraffin embedded (Rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (PI3 Kinase p110 beta) Polyclonal Antibody, Unconjugated (orb185885) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Jurkat (Human) Cell Lysate at 30 ug, 293T (Human) Cell Lysate at 30 ug, A431 (Human) Cell Lysate at 30 ug, HepG2 (Human) Cell Lysate at 30 ug, Primary: Anti-PI3 Kinase p110 beta (orb185885) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 123 kD, Observed band size: 123 kD.



Sample: Placenta (Mouse) Lysate at 40 ug, Primary: Anti-PI3 Kinase p110 beta (orb185885) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 123 kD, Observed band size: 123 kD.

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