

Anti-PI3K p110 α Rabbit pAb

WL05017

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-PI3K p110α Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
	IF	1:200-1:500	
Cellular localization	Cytoplasm.		
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

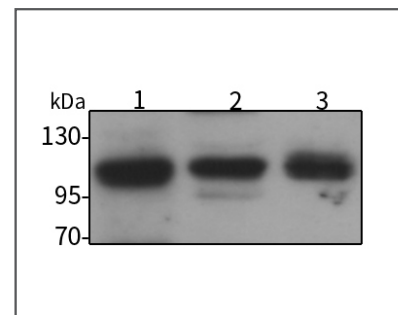
Background	PIK3CA belongs to the PI3/PI4-kinase family. It phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P2 with a preference for PtdIns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PI3K p110 α .
Purification	Polyclonal antibody was purified Protein A affinity chromatography.

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Product Images

Western blot-Anti-PI3K p110 α pAb

Lane 1: Human HEK-293 cell lysate

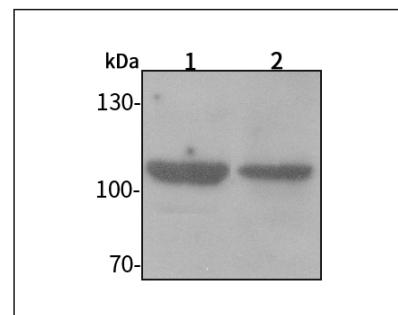
Lane 2: Human A549 cell lysate

Lane 3: Human HUVEC cell lysate

All lanes: Anti-PI3K p110 α at 1:1000 dilutionLysates/proteins at 20-50 μ g per lane.

Predicted band size: 124 kDa

Observed band size: 110 kDa

Western blot-Anti-PI3K p110 α pAb

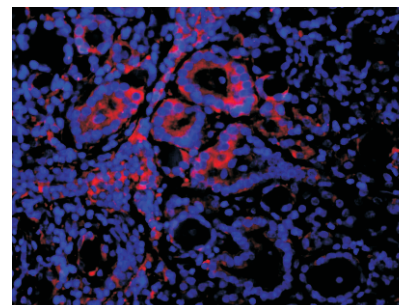
Lane 1: Mouse heart tissue lysate

Lane 2: Rat lung tissue lysate

All lanes: Anti-PI3K p110 α at 1:1000 dilutionLysates/proteins at 20-50 μ g per lane.

Predicted band size: 124 kDa

Observed band size: 110 kDa

Immunofluorescence-Anti-PI3K p110 α pAbImmunofluorescence analysis of paraffin-embedded human thyroid cancer using anti-PI3K p110 α Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

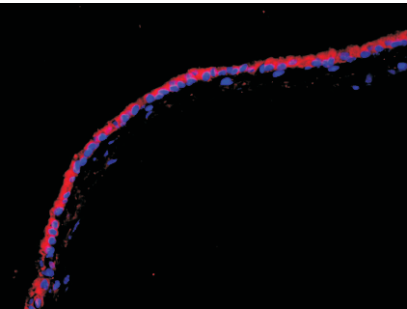
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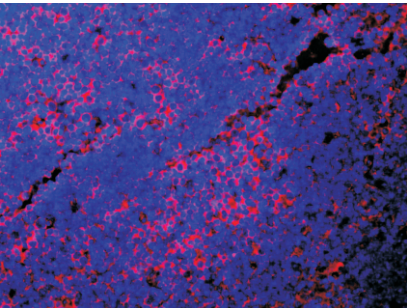
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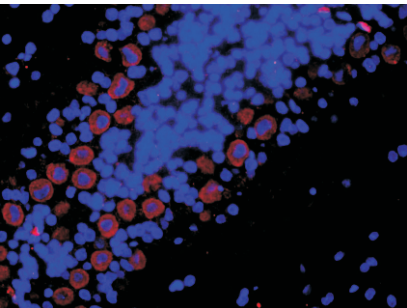
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Immunofluorescence-Anti-PI3K p110α pAb
Immunofluorescence analysis of paraffin-embedded mouse gallbladder using anti-PI3K p110α Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-PI3K p110α pAb
Immunofluorescence analysis of paraffin-embedded mouse thymus using anti-PI3K p110α Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-PI3K p110α pAb
Immunofluorescence analysis of paraffin-embedded rat cerebellum using anti-PI3K p110α Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

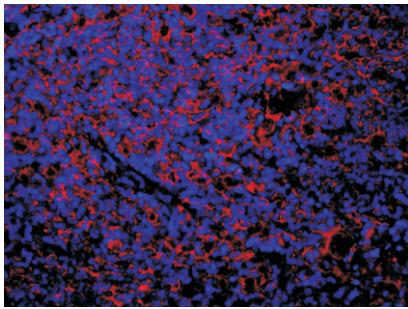
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Immunofluorescence-Anti-PI3K p110α pAb
Immunofluorescence analysis of paraffin-embedded rat thymus using anti-PI3K p110α Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0