

Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199)Rabbit pAb

WLA0852

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC, IF	1:100-1:500
Cellular localization	Cell junction ,Cytoplasm ,Membrane.Nucleus.	
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background Phosphatidylinositol 3-kinase (PI 3-kinase) is composed of p85 and p110 subunits. p85 lacks PI 3-kinase activity and acts as an adapter, coupling p110 to activated protein tyrosine kinase. Various isoforms of the catalytic subunit (p110 α , p110 β , p110 γ , and p110 δ) have been isolated, and the regulatory subunits that associate with p110 α , p110 β , and p110 δ are p85 α and p85 β . In contrast, p110 γ associates with a p101 regulatory subunit that is unrelated to p85. Furthermore, p110 γ is activated by $\beta\gamma$ subunits of heterotrimeric G proteins.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) .

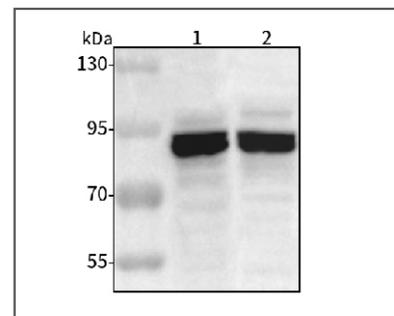
Purification Polyclonal antibody was purified by Protein A affinity chromatography.

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Product Images



Western blot-Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) pAb

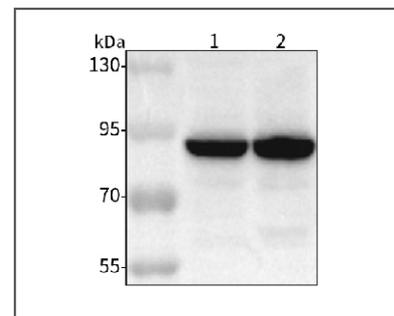
Lane 1: Human HCT116 cell lysate

Lane 2: Human HEK293 cell lysate

All lanes: Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) at 1:2000 dilution Lysates/proteins at 20-50 μ g per lane.

Predicted band size: 85 kDa

Observed band size: 85 kDa



Western blot-Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) pAb

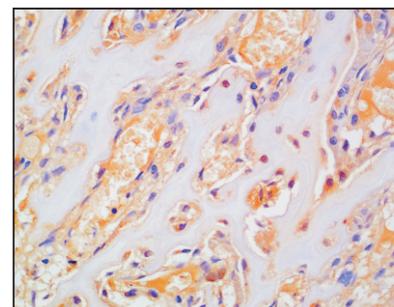
Lane 1: Mouse heart tissue lysate

Lane 2: Rat liver tissue lysate

All lanes: Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) at 1:2000 dilution Lysates/proteins at 20-50 μ g per lane.

Predicted band size: 85 kDa

Observed band size: 85 kDa



Immunohistochemistry-Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) pAb

Immunohistochemical analysis of paraffin-embedded mouse bone using anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) Rabbit Antibody at 1:200 dilution.

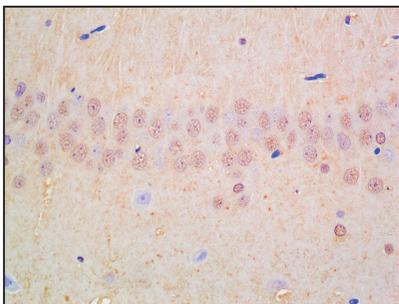
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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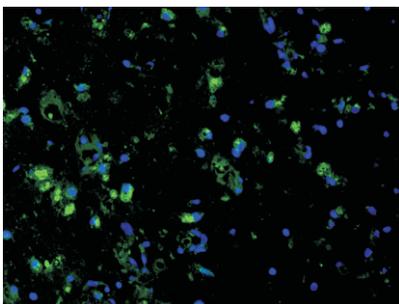
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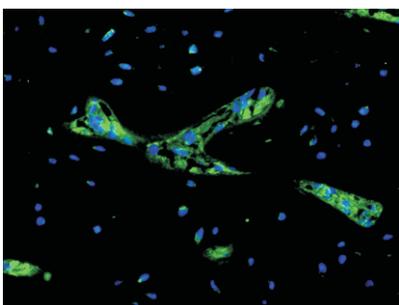
Immunohistochemistry-Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) pAb

Immunohistochemical analysis of paraffin-embedded rat brain using anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) pAb

Immunofluorescence analysis of paraffin-embedded human brain glioma using anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) pAb

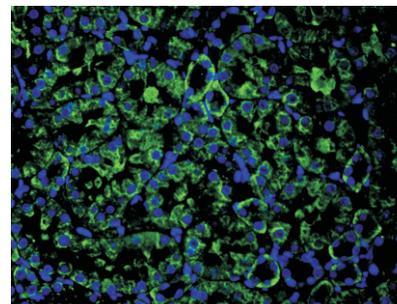
Immunofluorescence analysis of paraffin-embedded mouse bone using anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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Immunofluorescence-Anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) pAb

Immunofluorescence analysis of paraffin-embedded mouse bone using anti-p-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0