

Anti- p-IKKα/β (S176/180) Rabbit pAb



WLA0347

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Product Information

Product name	Anti- p-IKKα/β (S176/180) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:200
Cellular localization	Cytoplasm. Nucleus.	
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	IKKα is a member of the serine/threonine protein kinase family. The protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-κB complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquitination pathway, thereby activating the transcription factor. The classical active IKK complex, composed of IKK alpha, IKK beta, and two forms of processed IKK gamma, phosphorylates and inactivates IκB, resulting in the release and nuclear translocation of active NFκB. IKK-α specifically phosphorylates IκB-α. Phosphorylation of IκB by IKKα is stimulated by the NFκB inducing kinase (NIK), which itself is a central regulator for NFκB activation in response to TNF and IL-1.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-IKKα/β (S176/180) .
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

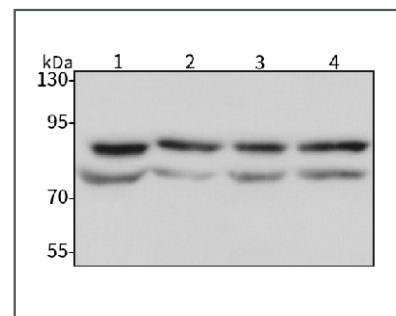
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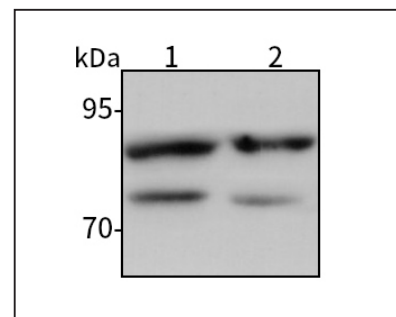
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Product Images



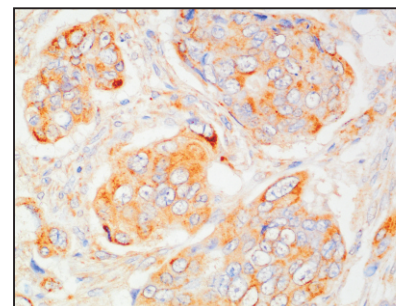
Western blot-Anti- p-IKKα/β (S176/180) pAb

Lane 1: Human HCT116 cell lysate
Lane 2: Human MDA-MB-231 cell lysate
Lane 3: Human A549 cell lysate
Lane 4: Human HUVEC cell lysate
All lanes: Anti- p-IKKα/β (S176/180) at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 85,87 kDa
 Observed band size: 85,87 kDa



Western blot-Anti- p-IKKα/β (S176/180) pAb

Lane 1: Mouse liver tissue lysate
Lane 2: Rat kidney tissue lysate
All lanes: Anti- p-IKKα/β (S176/180) at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 85,87 kDa
 Observed band size: 85,87 kDa



Immunohistochemistry-Anti- p-IKKα/β (S176/180) pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti- p-IKKα/β (S176/180) Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

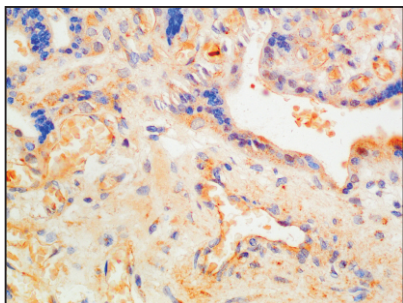
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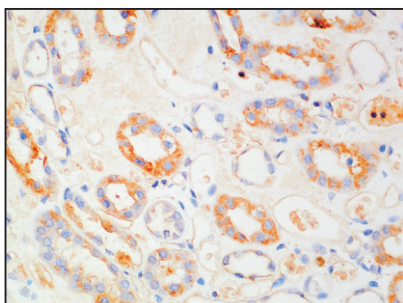
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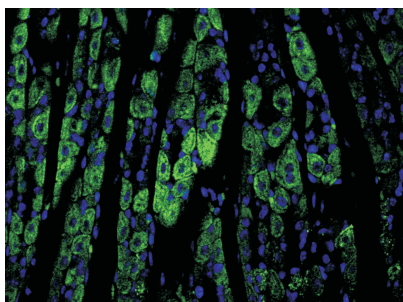
Immunohistochemistry-Anti- p-IKKα/β (S176/180) pAb

Immunohistochemical analysis of paraffin-embedded human placenta using anti- p-IKKα/β (S176/180) Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti- p-IKKα/β (S176/180) pAb

Immunohistochemical analysis of paraffin-embedded human kidney cancer using anti- p-IKKα/β (S176/180) Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti- p-IKKα/β (S176/180) pAb

Immunofluorescence analysis of paraffin-embedded mouse stomach using anti- CLIC1 (acetyl K131) Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

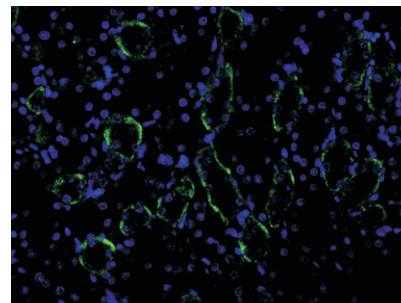
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Immunofluorescence-Anti- p-IKKα/β (S176/180) pAb

Immunofluorescence analysis of paraffin-embedded rat kidney using anti- CLIC1 (acetyl K131) Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0