Product **Datasheet**

Anti-IKB-α Rabbit pAb

WL01936

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-IKB-α Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:300
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

The NF-κB/Rel transcription factors are present in the cytosol in an inactive state complexed with the inhibitory IKB proteins. Activation occurs via phosphorylation of IKB-α at Ser32 and Ser36 followed by proteasome-mediated degradation that results in the release and nuclear translocation of active NF-κB. IKBα phosphorylation and resulting Rel-dependent transcription are activated by a highly diverse group of extracellular signals including inflammatory cytokines, growth factors, and chemokines. Kinases that phosphorylate IKB at these activating sites have been identified.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of IKB-α.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

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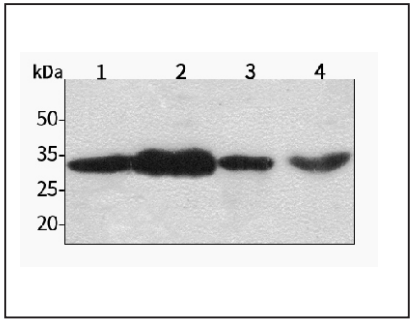
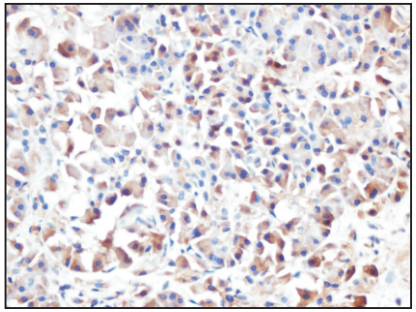
Product Images



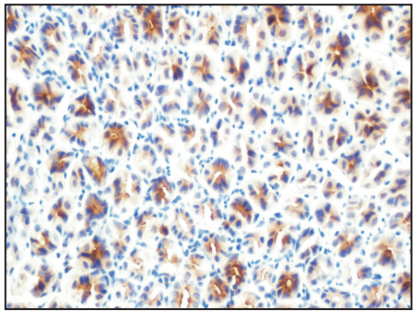
Western blot-Anti-IKB-α pAb

Lane 1: Mouse kidney tissue lysate
Lane 2: Mouse brain tissue lysate
Lane 3: Rat liver tissue lysate
Lane 4: Rat heart tissue lysate
All lanes: Anti-IKB-α at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 36 kDa
Observed band size: 36 kDa



Immunohistochemistry-Anti-IKB-α pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-IKB-α Rabbit Antibody at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-IKB-α pAb

Immunohistochemical analysis of paraffin-embedded mouse brain using anti-IKB-α Rabbit Antibody at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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