

Anti-P-NFκB p65 (ser536) Rabbit pAb



WL02169

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-P-NFκB p65 (ser536) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat, Pig	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:400
Cellular localization	Nucleus. 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	Transcription factor p65 (NFκB p65) is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NFκB p65 is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFκB1/p105, NFκB1/p50, REL and NFκB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites in that they can bind with distinguishable affinity and specificity. Phosphorylation on Ser-536 stimulates acetylation on Lys-310 and interaction with CBP; the phosphorylated and acetylated forms show enhanced transcriptional activity.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-NFκB p65 (ser536).
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

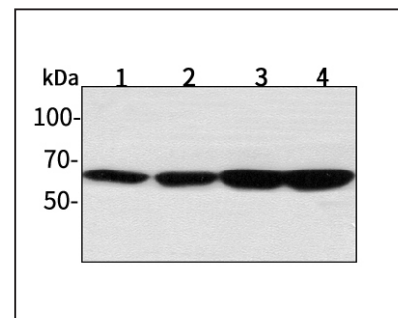
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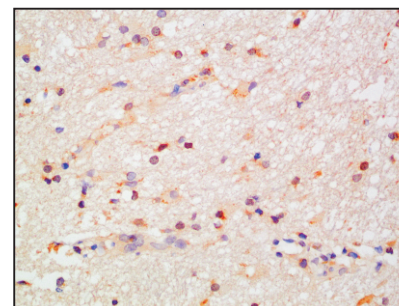
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Product Images



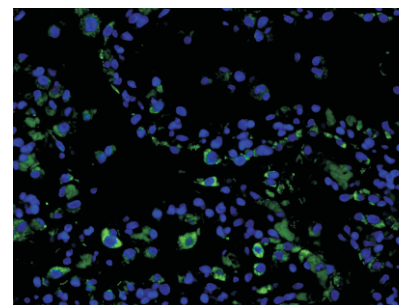
Western blot-Anti-P-NFκB p65 (ser536) pAb

Lane 1: Human HepG2 cell treated by LPS lysate
 Lane 2: Human Hela cell treated by LPS lysate
 Lane 3: Human BGC-823 cell treated by LPS lysate
 Lane 4: Human MGC-803 cell treated by LPS lysate
 All lanes: Anti-NF-κB p65 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 65 kDa
 Observed band size: 65 kDa



Immunohistochemistry-Anti-P-NFκB p65 (ser536) pAb

Immunohistochemical analysis of paraffin-embedded human brain glioma using anti-P-NFκB p65 (ser536) Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-P-NFκB p65 (ser536) pAb

Immunofluorescence analysis of paraffin-embedded human lung cancer using anti-P-NFκB p65 (ser536) Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0