

## Anti-P-NFκB p65 (ser536) Rabbit pAb



WL02169

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-P-NFκB p65 (ser536) Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat, Pig	
<b>Tested applications</b>	Western blot	1:500-1:1000

*\*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

<b>Molecular Wt.</b>	65 kDa
<b>Pack size</b>	50/100/200/500/1000μl
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>
<b>Storage buffer</b>	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

<b>Background</b>	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.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-NFκB p65 (ser536).
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.

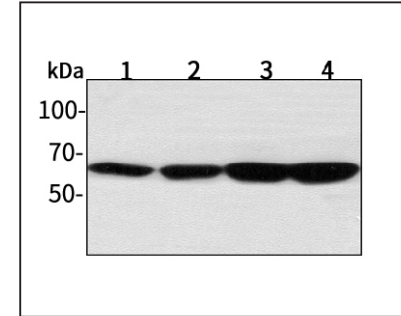
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## Product Images



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

**Lane 1:** Human HepG2 cell treated by LPS lysate 30μg  
**Lane 2:** Human HeLa cell treated by LPS lysate 30μg  
**Lane 3:** Human BGC-823 cell treated by LPS lysate 30μg  
**Lane 4:** Human MGC-803 cell treated by LPS lysate 30μg  
**Separation gel:** 8% polyacrylamide  
**Electrophoresis:** 100V, 4°C, 3h  
**Transmembrane:** 100V, 4°C, 1h  
**Blocking:** 5% w/v nonfat dry milk, 1 × TBST, at RT with gentle shaking  
**Primary antibody:** 1:1000 in blocking buffer, 4°C, overnight  
**Visualization:** ECL, 30s-2min