

## Anti-NFκB p65 Rabbit pAb



WL01273b

For Research Use Only. Not For Use In Diagnostic Procedures

### Product Information

<b>Product name</b>	Anti-NFκB p65 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	Western blot	1:500-1:1000
	Immunohistochemistry	1:200

*\*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

**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.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of NFκB p65.

**Purification**

Polyclonal antibody was purified by protein A affinity chromatography.

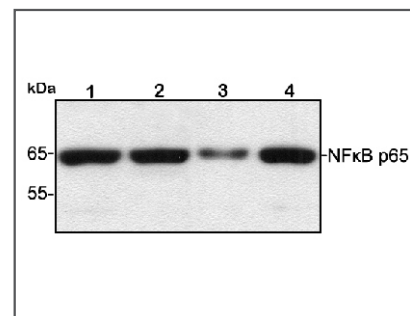
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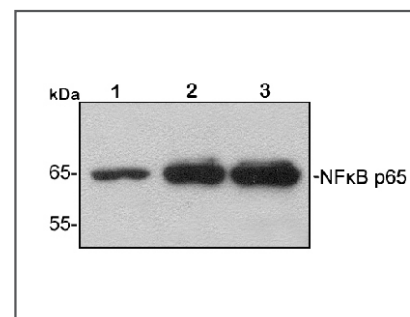
### Product Images



#### Western blot-Anti-NFκB p65 pAb

**Lane 1:** Human HepG2 cell lysate 16μg  
**Lane 2:** Human Hela cell lysate 16μg  
**Lane 3:** Human BGC-823 cell lysate 16μg  
**Lane 4:** Human MGC-803 cell lysate 16μg

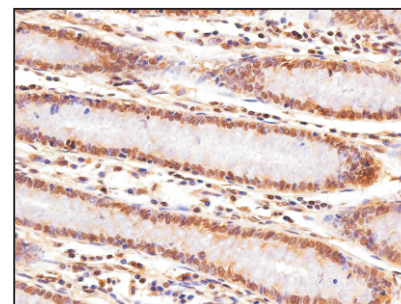
**Separation gel:** 8% polyacrylamide  
**Electrophoresis:** 100V, 4°C, 3h  
**Transmembrane:** 100V, 4°C, 1h  
**Blocking:** 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking  
**Primary antibody:** 1:500 in blocking buffer, 4°C, overnight  
**Visualization:** ECL, 30s



#### Western blot-Anti-NFκB p65 pAb

**Lane 1:** Mouse brain tissue treated by LPS lysate 24μg  
**Lane 2:** Mouse heart tissue treated by LPS lysate 24μg  
**Lane 3:** Rat liver tissue treated by LPS lysate 24μg

**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:** 1:500 in blocking buffer, 4°C, overnight  
**Visualization:** ECL, 30s



#### Immunohistochemistry-Anti-NFκB p65 pAb

**Sample:** Human stomach cancer tissue  
**Antigen retrieval:** Protein K  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB

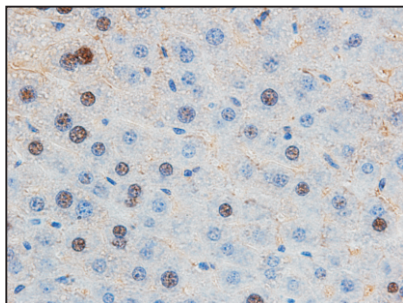
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#### Immunohistochemistry-Anti-NFκB p65 pAb

**Sample:** Mouse liver tissue

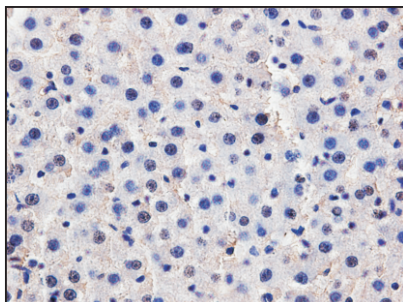
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer

**Primary antibody:** 1:200, 4°C, overnight

**Secondary antibody-Biotin:** 1:150, 37°C, 1h

**Streptavidin-HRP:** 1:200, 37°C, 30min

**Visualization:** DAB



#### Immunohistochemistry-Anti-NFκB p65 pAb

**Sample:** Rat liver tissue

**Antigen retrieval:** Protein K

**Primary antibody:** 1:150, 4°C, overnight

**Secondary antibody-Biotin:** 1:150, 37°C, 1h

**Streptavidin-HRP:** 1:200, 37°C, 30min

**Visualization:** DAB