

## Phospho-NF-kB p65 (Thr254) Antibody

Cat.#: AF3391	Concn.: 1mg/ml	Mol.Wt.: 65kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

**Application:** WB 1:500-1:2000, IHC 1:50-1:200, IP, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

**Reactivity:** Human,Mouse,Rat

**Purification:** The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

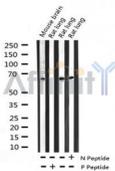
**Specificity:** Phospho-NF-kB p65 (Thr254) Antibody detects endogenous levels of NF-kB p65 only when phosphorylated at Threonine 254.

**Immunogen:** A synthesized peptide derived from human NF- kappaB p65 around the phosphorylation site of Thr254.

**Uniprot:** Q04206

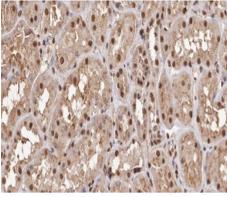
**Description:** NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA, or RELB (MIM 604758) to form the NFKB complex. The p50 (NFKB1)/p65 (RELA) heterodimer is the most abundant form of NFKB. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA, MIM 164008 or NFKBIB, MIM 604495), which inactivate NFKB by trapping it in the cytoplasm.

**Storage Condition and Buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

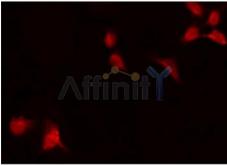


Western blot analysis of extracts from mouse brain/rat lung, using Phospho-NF kappaB p65 (Thr254) Antibody.

-/+ means absence or presence of N peptide(non-phospho peptide) and P peptide(phospho peptide)



AF3391 at 1/200 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



AF3391 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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