

## NFκB-p65(Phospho Ser311) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07296
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NF-kappaB p65 around the phosphorylation site of Ser311. AA range:278-327
<b>Mol wt</b>	60219
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Transcription factor p65
<b>Synonyms</b>	Transcription factor p65; RELA; NFKB3; Transcription factor p65; Nuclear factor NF-kappa-B p65 subunit; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

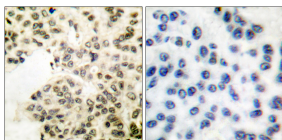
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

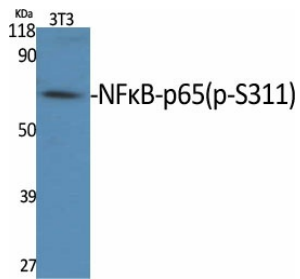
ELISA: 1: 40000

Not yet tested in other applications.

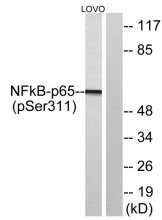
### Images



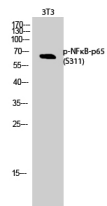
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NF-kappaB p65 (Phospho-Ser311) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-NFκB-p65 (S311) Polyclonal Antibody



Western Blot analysis of 3T3 cells using Phospho-NFκB-p65 (S311) Polyclonal Antibody



Western blot analysis of lysates from LOVO cells treated, using NF-kappaB p65 (Phospho-Ser311) Antibody. The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year

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