

## NFκB-p65(Phospho Ser281) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05831
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NF-kappaB p65 around the phosphorylation site of Ser281. AA range:247-296
<b>Mol wt</b>	60219
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, 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.

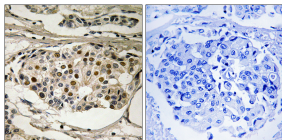
### Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NF-kappaB p65 (Phospho-Ser281) Antibody. The picture on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year