

## NFKappaB-p65 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05999
<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. AA range:275-324
<b>Mol wt</b>	60219
<b>Species reactivity</b>	Human, Mouse, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	NFKappaB-p65 Antibody
<b>Synonyms</b>	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 REL, RELA. Four transcript variants encoding different isoforms have been found for RELA.

### Recommended Dilution

WB: 1: 500 - 1: 2000

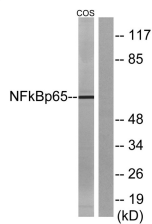
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

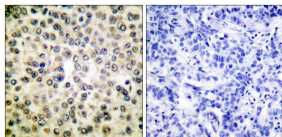
ELISA: 1: 10000

Not yet tested in other applications.

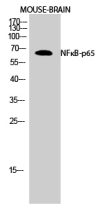
### Images



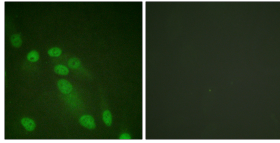
Western blot analysis of lysates from COS7 cells, treated with sorbitol 0.4M 24h, using NF-kappaB p65 Antibody. The lane on the right is blocked with the synthesized peptide.



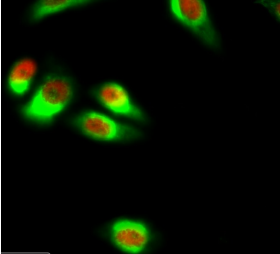
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NF-kappaB p65 Antibody. The picture on the right is blocked with the synthesized peptide.



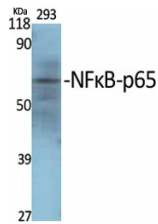
Western Blot analysis of MOUSE-BRAIN cells using NFκB-p65 Polyclonal Antibody diluted at 1:2000



Immunofluorescence analysis of HeLa cells, using NF-kappaB p65 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HeLa cell. 1, NFκB-p65 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). Bcl-2 Monoclonal Antibody (6B5) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min).



Western Blot analysis of various cells using NFκB-p65 Polyclonal Antibody diluted at 1:2000

### Storage

-20°C for one year

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