

NFκB-p65(Phospho Ser529) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07304
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NF-kappaB p65 around the phosphorylation site of Ser529. AA range:496-545
Mol wt	60219
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Transcription factor p65
Synonyms	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

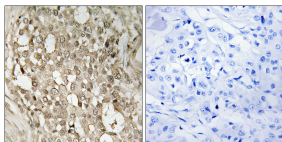
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

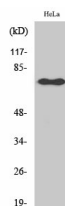
ELISA: 1: 10000

Not yet tested in other applications.

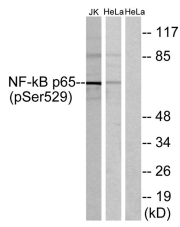
Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NF-kappaB p65 (Phospho-Ser529) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-NFκB-p65 (S529) Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from HeLa and Jurkat cells, using NF-kappaB p65 (Phospho-Ser529) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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