BT LAB
Bioassay Technology Laboratory
Optimize Your Research

NFKappaB-p65 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05989
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NF-kappaB p65. AA range:247-296
Mol wt	60219
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	NFkappaB-p65 Antibody
Synonyms	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 RELA, RELA. Four transcript variants encoding different isoforms have been found for RELA.

Recommended Dilution

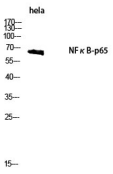
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

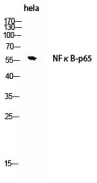
ELISA: 1: 5000

Not yet tested in other applications.

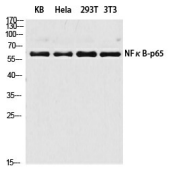
Images



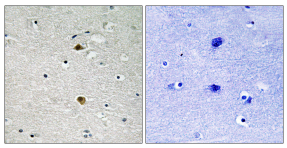
Western Blot analysis of hela cells using NFκB-p65 Polyclonal Antibody diluted at 1:2000



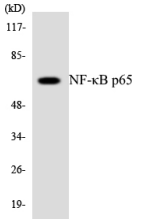
Western Blot analysis of hela using NFκB-p65 Polyclonal Antibody. Antibody was diluted at 1:2000



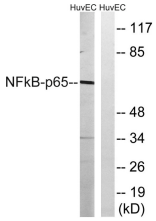
Western blot analysis of KB Hela 293T 3T3 lysis using NFκB-p65 antibody. Antibody was diluted at 1:2000



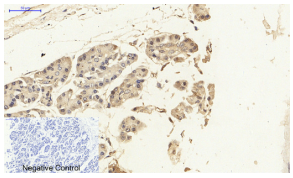
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NF-kappaB p65 Antibody. The picture on the right is blocked with the synthesized peptide.



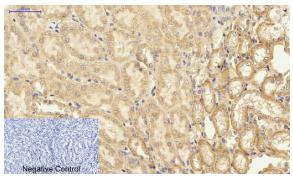
Western blot analysis of the lysates from HeLa cells using NF-κB p65 antibody.



Western blot analysis of lysates from HUVEC cells, treated with EPO 20U/ml 15', using NF-kappaB p65 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human-stomach-cancer tissue. 1,NFκB-p65 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,NFκB-p65 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

Storage

-20°C for one year

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