NF-kB p65/RelA Polyclonal Antibody

Catalog Number:E-AB-93315

Note: Centrifuge before opening to ensure complete recovery of vial contents.

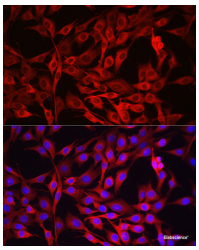
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human NF-kB p65/RelA
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% proclin300,50% glycerol,pH7.3.

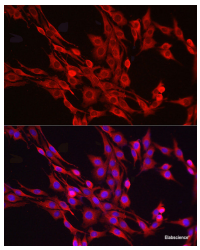
Applications — Recommended Dilution

IF	1:50-1:200

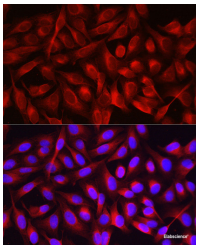
Data



Immunofluorescence analysis of NIH/3T3 cells using NF-kB p65/RelA Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.
Observed Mw:Refer to figures
Calculated Mw:58kDa/59kDa/60kDa



Immunofluorescence analysis of PC-12 cells using NF-kB p65/RelA Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NF-kB p65/RelA Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze/thaw cycles.

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.

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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.

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