

NF-κB p65/RelA Rabbit pAb

Catalog No.: A11204

19 Publications

Basic Information

Observed MW

65kDa

Calculated MW

60kDa

Category

Primary antibody

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

NF-κappa-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-κappa-B moves to the nucleus and activates transcription of specific genes. NF-κappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-κappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

IP 0.5μg-4μg antibody for
200μg-400μg extracts of
whole cells

ELISA Recommended starting
concentration is 1 μg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

5970

Swiss Prot

Q04206

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

p65; CMCU; NFKB3; AIF3BL3; NF-κB p65/RelA

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

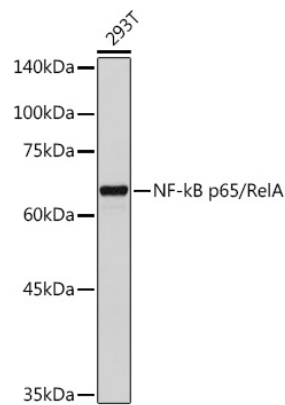
Affinity purification

Storage

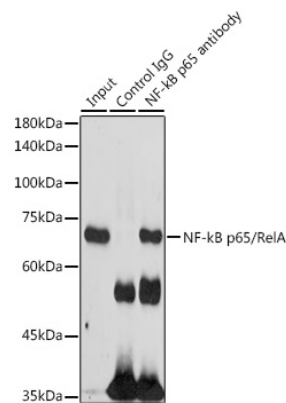
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

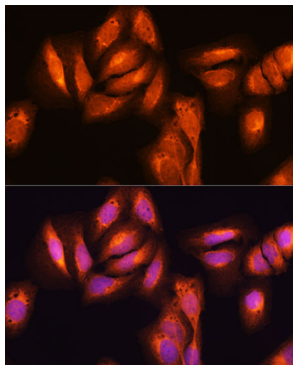
Validation Data



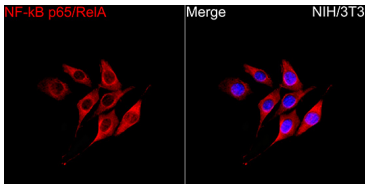
Western blot analysis of lysates from 293T cells, using NF-kB p65/RelA Rabbit pAb (A11204) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



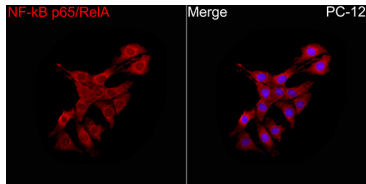
Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg NF-kB p65/RelA antibody (A11204). Western blot was performed from the immunoprecipitate using NF-kB p65/RelA antibody (A11204) at a dilution of 1:1000.



Immunofluorescence analysis of U2OS cells using NF-kB p65/RelA Rabbit pAb (A11204) at dilution of 1:100. Blue: DAPI for nuclear staining.

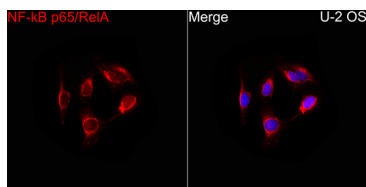


Immunofluorescence analysis of NIH/3T3 cells using NF-kB p65/RelA Rabbit pAb (A11204) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using NF-kB p65/RelA Rabbit pAb (A11204) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Validation Data



Immunofluorescence analysis of U-2 OS cells using NF-kB p65/RelA Rabbit pAb (A11204) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.