

NF- κ B p65/RelA Rabbit pAb

Catalog No.: A2547 **125 Publications**

Basic Information

Observed MW

65kDa

Calculated MW

60kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

NF- κ 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- κ B moves to the nucleus and activates transcription of specific genes. NF- κ B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF- κ 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
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

5970

Swiss Prot

Q04206

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 450-550 of human NF- κ B p65/RelA (NP_068810.3).

Synonymsp65; CMCU; NFKB3; AIF3BL3; NF- κ B p65/RelA

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

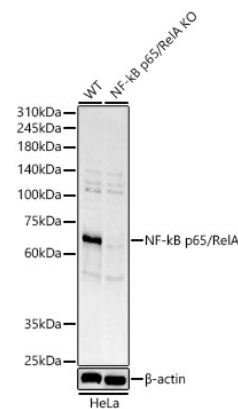
Affinity purification

Storage

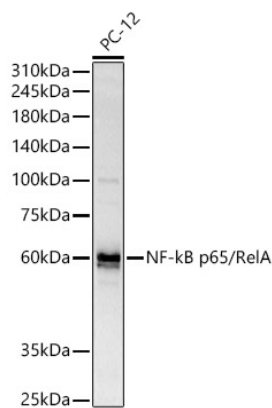
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

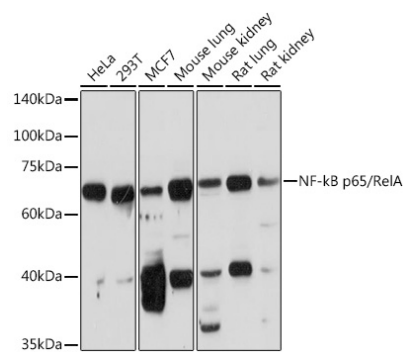
Validation Data



Western blot analysis of lysates from wild type (WT) and NF- κ B p65/RelA knockout (KO) HeLa (KO) cells, using NF- κ B p65/RelA Rabbit pAb (A2547) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.

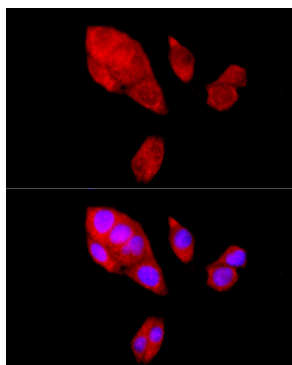


Western blot analysis of various lysates, using NF- κ B p65/RelA Rabbit pAb (A2547) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.

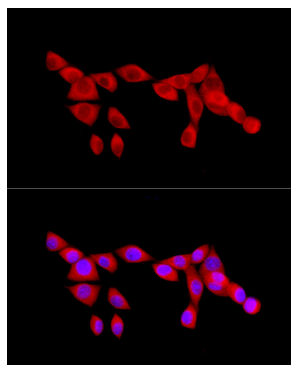


Western blot analysis of various lysates using NF- κ B p65/RelA Rabbit pAb (A2547) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.

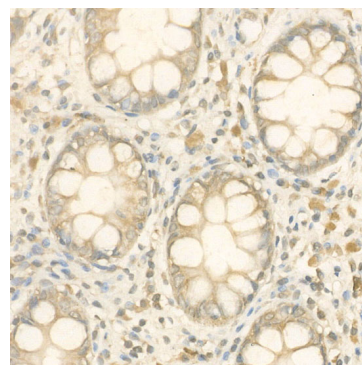
Validation Data



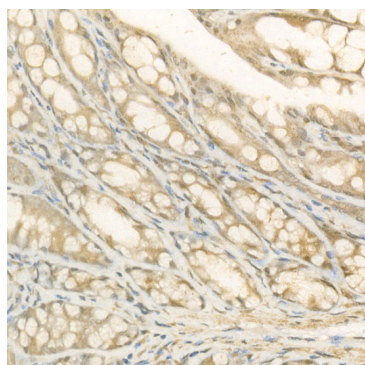
Immunofluorescence analysis of HepG2 cells using NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



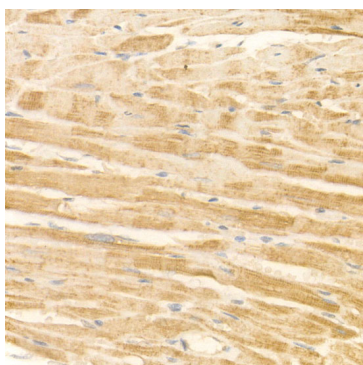
Immunofluorescence analysis of NIH/3T3 cells using NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



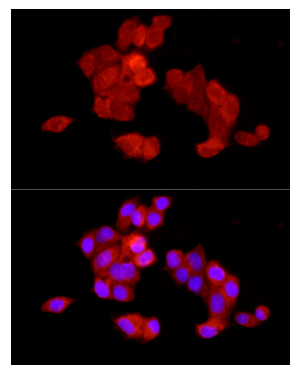
Immunohistochemistry analysis of NF- κ B p65/RelA in paraffin-embedded human colon using NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



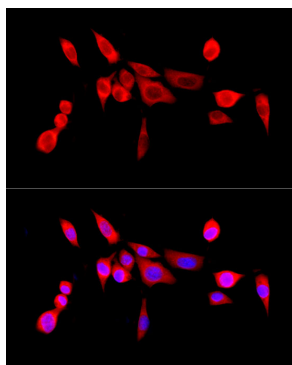
Immunohistochemistry analysis of NF- κ B p65/RelA in paraffin-embedded mouse colon using NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



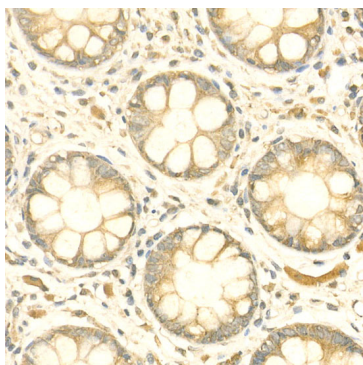
Immunohistochemistry analysis of NF- κ B p65/RelA in paraffin-embedded rat heart using NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



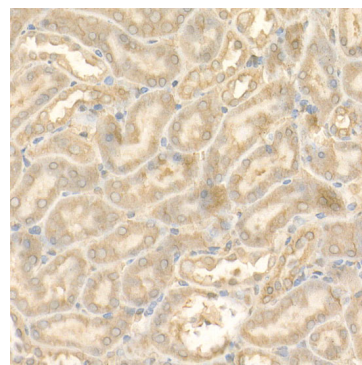
Immunofluorescence analysis of HepG2 cells using [KO Validated] NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500



Immunohistochemistry analysis of NF- κ B p65/RelA in paraffin-embedded human colon using [KO Validated] NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:200 (40x lens). Perform high pressure antigen



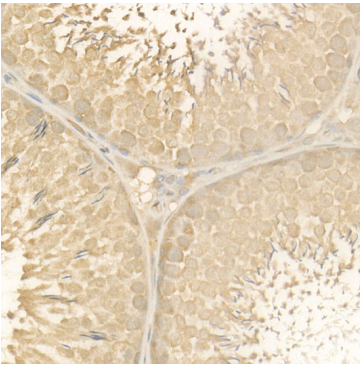
Immunohistochemistry analysis of NF- κ B p65/RelA in paraffin-embedded mouse kidney using [KO Validated] NF- κ B p65/RelA Rabbit pAb (A2547) at dilution of 1:200 (40x lens). Perform high pressure

Validation Data

dilution. Blue: DAPI for nuclear staining.

retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of NF-κB p65/RelA in paraffin-embedded rat testis using [KO Validated] NF-κB p65/RelA Rabbit pAb (A2547) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.