

Phospho-NF-kB p65/RelA-S468 Rabbit mAb

Catalog No.: AP1460

Recombinant

8 Publications

Basic Information

Observed MW

65kDa/

Calculated MW

60kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC64675

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 Dilutions

WB 1:2000 - 1:20000

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.

Contact

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Immunogen Information

Gene ID

5970

Swiss Prot

Q04206

Immunogen

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

Synonyms

p65; CMCU; NFKB3; AIF3BL3; Phospho-NF-kB p65/RelA-S468

Product Information

Source

Rabbit

Isotype

IgG

Purification

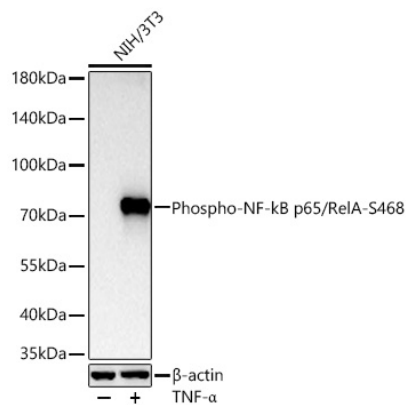
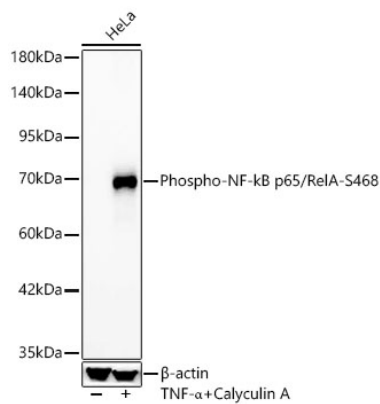
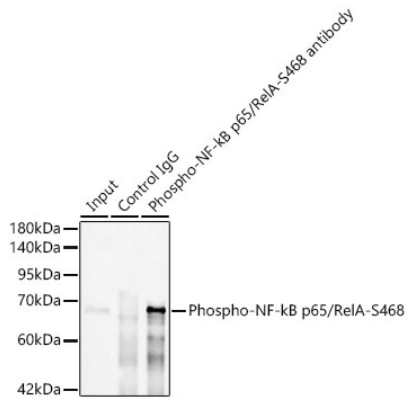
Affinity purification

Storage

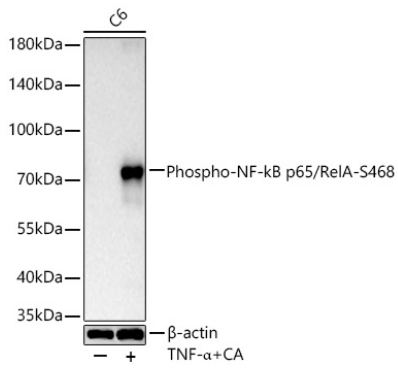
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



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Western blot analysis of lysates from C6 cells using Phospho-NF-kB p65/RelA-S468 Rabbit mAb (AP1460) at 1:16000 dilution incubated overnight at 4°C. C6 cells were treated with TNF- α (20 ng/ml) and Calyculin A (50 nM) at 37°C for 30 minutes
Secondary antibody: HRP-conjugated 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.