Phospho-NF-kB p65/RelA-S536 Antibody

CABP0124

Description

This Phospho-NF-kB p65/RelA-S536 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP0124
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	p65, CMCU, NFKB3, AIF3BL3, Phospho-NF-kB p65/RelA-S536
Clone:	-
Applications:	WB IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	5970
Uniprot:	AB_2771510
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	65kDa/
Calculated MW:	60kDa

Preparation & Storage

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.

Store Bradford Reagent at Room Temperature for 1 Year.

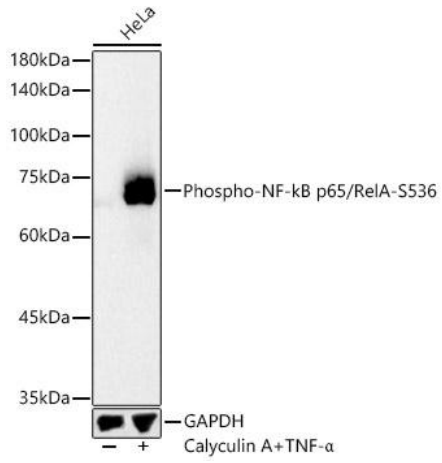
Positive Sample: HeLa treated with TNF-α and Calyculin A, NIH/3T3 treated with TNF-α, C6 treated with TNF-α, NIH/3T3, C6

Recommended Dilutions:

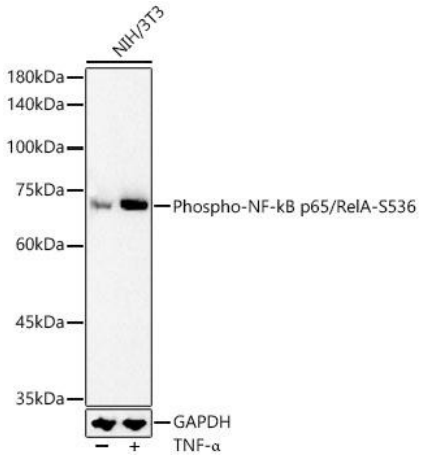
WB	1:2000 - 1:10000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

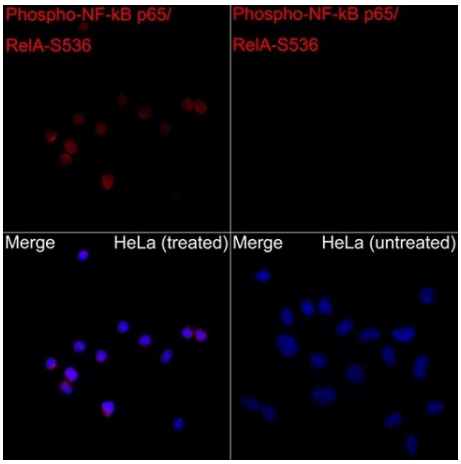
Validation Data



Western blot analysis of lysates from HeLa cells using Phospho-NF-kB p65/RelA- Rabbit pAb (CABP0124) at 1:10000 dilution. HeLa cells were treated with TNF-α (50 ng/ml) and Calyculin A (50 nM) at 37°C for 10 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Western blot analysis of lysates from NIH/3T3 cells using Phospho-NF-kB p65/RelA- Rabbit pAb (CABP0124) at 1:10000 dilution. NIH/3T3 cells were treated with TNF-α (10 ng/ml) at 37℃ for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunofluorescence analysis of HeLa TNFα + CA and HeLa cells using Phospho-NF-kB p65/RelA- Rabbit pAb (CABP0124) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.