

Anti-NF-kappaB p65 (Acetyl-K310) Rabbit Polyclonal Antibody



Catalog #: 51149

Aliases

NFKB3; Transcription factor p65; Nuclear factor NF-kappa-B p65 subunit; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3

Background

Gene Name: RELA

NCBI Gene Entry: [5970](#)

UniProt Entry: [Q04206](#)

Application Information

Molecular Weight: Predicted, 60 kDa; observed, 75 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, pig

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC), Chromatin Immunoprecipitation (ChIP)

Immunogen

A synthesized peptide derived from human NF-kappaB p65 protein

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

Immunocytochemistry (IC): 1:100-1:500

Chromatin Immunoprecipitation (ChIP): 1:10-1:100

Note: This product is for research use only.

SUPPORT

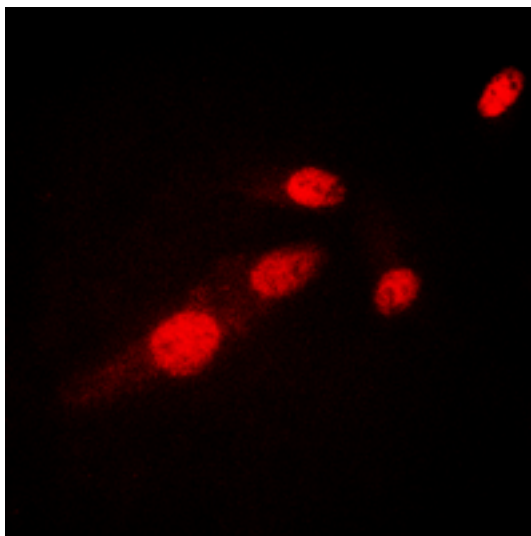
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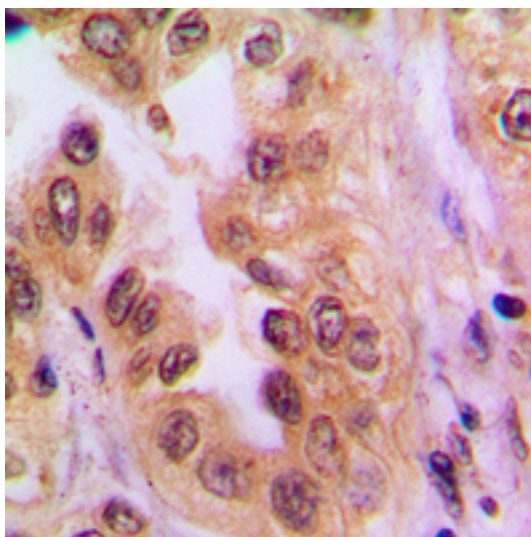
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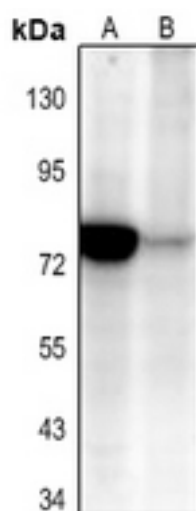
Validation Data



Immunocytochemical analysis of NF-kappaB p65 (Acetyl-K310) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of NF-kappaB p65 (Acetyl-K310) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of NF-kappaB p65 (Acetyl-K310) expression in MCF7 (A), MCF7 TNFa treated 30 min (B) whole cell lysates.