Leader in Biomolecular Solutions for Life Science

Phospho-NF-kB p65/RelA-S536 Rabbit mAb

Catalog No.: AP1294

Recombinant | 58 Publications

www.abclonal.com

Basic Information

Observed MW
65 kDa

Calculated MW
60 kDa

Category
Monoclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Clone No.
ARC55585

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	1:3000 - 1:10000
IHC-P	1:100 - 1:500

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; Phospho-NF-kB p65/RelA-S536

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

Source
Rabbit

Isotype
IgG

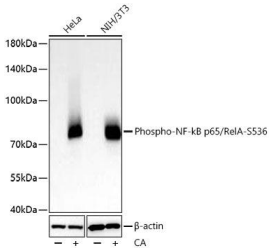
Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Immunohistochemistry analysis of paraffin-embedded NIH/3T3 cells, untreated (left) and TNF-α-treated (right), using Phospho-NF-kB p65/RelA-S536 Rabbit mAb (AP1294) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Western blot analysis of various lysates using Phospho-NF-kB p65/RelA-S536 Rabbit mAb (AP1294) at 1:10000 dilution incubated overnight at 4℃. HeLa cells were treated with CA (100nM) at 37°C for 30min, NIH/3T3 cells were treated with CA (100nM) at 37°C for 30min
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20 s.