Product datasheet

Anti-NF-κB p65/RELA Antibody

Catalog Number: *PB0321*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China
Web: www.boster.com.cn ***Phone:*** +86 027-67845390 ***Fax:*** +86 027-67845390 ***Email:*** boster@boster.com.cn

Basic Information

Product Name	Anti-NF-κB p65/RELA Antibody
Gene Name	RELA
Source	Rabbit
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS， 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	E.coli-derived mouse NF-kB p65 recombinant protein (Position: D291-Q479). Mouse NF-kB p65 shares 77% amino acid (aa) sequence identity with human NF-kB p65.
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	65KD
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

Transcription factor p65, also known as NFKB3 or NF-kB p65, is a protein encoded by the RELA gene. NFKB is an essential transcription factor complex involved in all types of cellular processes, including cellular metabolism, chemotaxis, etc, and it may play a role in inflammatory conditions of the peripheral nervous system. Phosphorylation and acetylation of NFKB3 are crucial post-translational modifications required for NFKB activation. It has also been shown to modulate immune responses, and activation of NFKB3 is positively associated with multiple types of cancer. In addition to that, NFKB3 antagonizes TNFR1-JNK proliferative signals in epidermis and plays a nonredundant role in restraining epidermal growth.

Reference

Anti-NF-κB p65/RELA Antibody被引用在3文献中。

Selected Validation Data

Anti-NF-κB p65/RELA Antibody

Catalog Number: *PB0321*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China
Web: www.boster.com.cn ***Phone:*** +86 027-67845390 ***Fax:*** +86 027-67845390 ***Email:*** boster@boster.com.cn

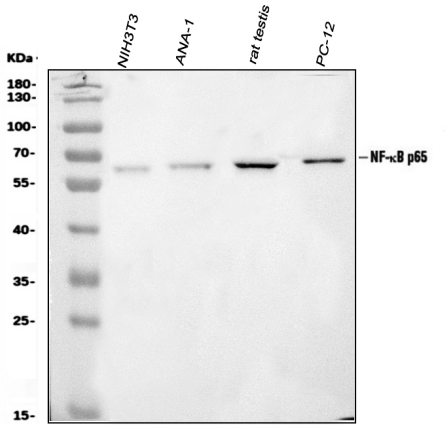

Figure 1. Western blot analysis of anti- NFκBp65(RELA) antibody (PB0321). The sample well of each lane was loaded with 30ug of sample under reducing conditions.
Lane 1: mouse NIH/3T3 whole cell lysates,
Lane 2: mouse Ana-1 whole cell lysates,
Lane 3: rat testis tissue lysates,
Lane 4: rat PC-12 whole cell lysates.
Use rabbit anti- NFκBp65(RELA) 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog#EK1002). A specific band was detected for NFκBp65(RELA) at approximately 65KD. The expected band size for NFκBp65(RELA) is at 60KD.