Product datasheet

Anti-NFkB/NFKB2 p100/p52 Antibody (Clone#18N03)

Catalog Number: *BM5404*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-NFkB/NFKB2 p100/p52 Antibody (Clone#18N03)
Gene Name	NFKB2
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ICC/IF, IP
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human NFkB/NFKB2 p100/p52.
Concentration	500ug/ml
Purification	Affinity-chromatography
Observed MW	52 kDa(activeform)/120 kDa(precursor)
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 ImmunoPrecipitation (IP): 1:20

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Transcription factors of the nuclear factor κ B (NF-κB)/Rel family play a pivotal role in inflammatory and immune responses. NF-κB-activating agents can induce the phosphorylation of IκB proteins, targeting them for rapid degradation through the ubiquitin-proteasome pathway and releasing NF-κB to enter the nucleus where it regulates gene expression.

Reference

Anti-NFkB/NFKB2 p100/p52 Antibody (Clone#18N03)被引用在2文献中。

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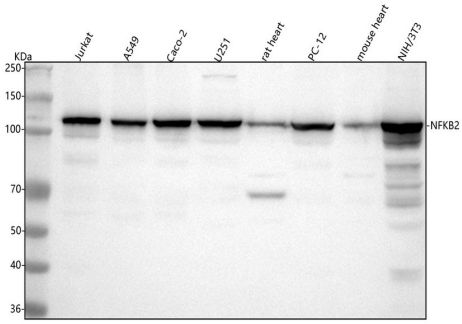
Selected Validation Data



Western blot analysis of anti-NFkB/NFKB2 antibody (BM5404). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human Jurkat whole cell lysates,
Lane 2: human A549 whole cell lysates,
Lane 3: human Caco-2 whole cell lysates,
Lane 4: human U251 whole cell lysates,
Lane 5: rat heart tissue lysates,
Lane 6: rat PC-12 whole cell lysates,
Lane 7: mouse heart tissue lysates,
Lane 8: mouse NIH/3T3 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-NFkB/NFKB2 antigen affinity purified monoclonal antibody (BM5404) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for NFkB/NFKB2 at approximately 110 kDa. The expected band size for NFkB/NFKB2 is at 97 kDa.