

Basic Information

Product Name	Anti-NFKB2 Antibody
Gene Name	NFKB2
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS , 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human NFkB p100(1-21aa MESCYNPGLDGIIEYDDFKLN).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	52KD/100KD
Dilution Ratios	Western blot(WB):1:500-2000

Storage

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

Background Information

NFKB2(Nuclear Factor Kappa-B, Subunit 2), also known as NFKB or p52/p100 SUBUNIT, is a protein that in humans is encoded by the NFKB2 gene. Liptay et al.(1992) mapped the gene for what they called the p49/p100 subunit of NFKB(NFKB2) to chromosome 10 by Southern blot analysis of panels of human/Chinese hamster cell hybrids. By fluorescence in situ hybridization(FISH), they confirmed the localization and mapped the gene with greater resolution to 10q24. NFKB2 appears to be the same as LYT10. Claudio et al.(2002) showed that bone marrow(BM) cells from Nfkb2-deficient mice, but not Nfkb1-deficient mice, failed to increase relative and total IgD-positive transitional-1(T1) stage B cells in response to Baff. In vivo, however, Nfkb2-deficient mice did generate mature B cells, but at reduced numbers. Mice of the aly/aly strain, which are naturally deficient in Nik, and mice of the A/WySNJ strain, which have a mutation in Baffr, also failed to produce T1 B cells in response to Baff. Baff stimulation enhanced expression of Bcl2 in T1 B cells, thereby promoting B-cell survival, and caused the processing of the p100 form of Nfkb2 to p52, which again required Baffr and Nik, but not Nemo(IKKG). Immunoblot analysis showed that BM cells contained primarily p100.

Reference

Anti-NFKB2 Antibody被引用在1文献中。

Selected Validation Data

Lane 1: HELA Cell Lysate Lane 2: JURKAT Cell Lysate

