

Rabbit anti-Mouse, Rat NFkB p100/p52 Polyclonal Antibody | anti-NFKB2 antibody

Anti-NFkB p100/p52 antibody

CATALOG # AAA45403	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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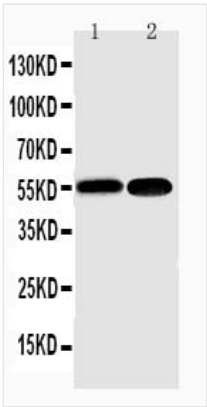
PRODUCT SYNONYMS

NFkB p100/p52; Polyclonal Antibody; Anti-NFkB p100/p52 antibody; Nuclear factor NF-kappa-B p100 subunit; nuclear factor of kappa light polypeptide gene enhancer in B-cells 2(p49/p100); DNA binding factor KBF2 antibody; DNA-binding factor KBF2 antibody; H2TF1 antibody; Lymphocyte translocation chromosome 10 antibody; Lymphocyte translocation chromosome 10 protein antibody; Lyt 10 antibody; Lyt10 antibody; NF kB2 antibody; NFKB2 antibody; NFKB2_HUMAN antibody; Nuclear factor NF kappa B p100 subunit antibody; Nuclear factor NF kappa B p52 subunit antibody; Nuclear factor NF-kappa-B p52 subunit antibody; Nuclear factor of kappa light chain gene enhancer in B cells 2 antibody; Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 antibody; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 antibody; Oncogene Lyt 10 antibody; Oncogene Lyt-10 antibody; p105 antibody; p49/p100 antibody; anti-NFKB2 antibody

PRODUCT SPECIFICATIONS

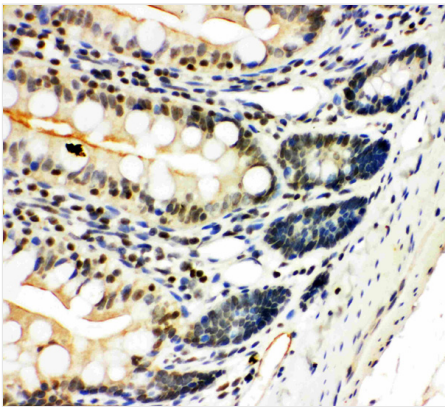
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	899
Applicable Applications for anti-NFKB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse NFkB p100 (5-21aa YDPGLDGIPEYDDFEFS), identical to the related rat sequence.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti-NFkB p100/p52 antibody, AAA45403, Western blottingLane 1: Mouse Liver Tissue LysateLane 2: HEPA Cell Lysate



IHC (Immunohistochemistry)

Anti-NFkB p100/p52 antibody, AAA45403, IHC(P)IHC(P): Rat Intestine Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-NFKB2 antibody

Description: Rabbit IgG polyclonal antibody for Nuclear factor NF-kappa-B p100 subunit(NFKB2) detection. Tested with WB, IHC-P in Mouse, Rat.

Background: 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47116958
NCBI GeneID	18034
UniProt Accession #	Q9WTK5
Molecular Weight	96,832 Da
NCBI Official Full Name	Nuclear factor NF-kappa-B p100 subunit
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B cells 2, p49/p100
NCBI Official Symbol	Nfkb2
NCBI Official Synonym Symbols	lyt; p49; p52; p50B; p49/p100; NF-kappaB2
NCBI Protein Information	nuclear factor NF-kappa-B p100 subunit; NF kappaB2; DNA-binding factor KBF2; nuclear factor of kappa light polypeptide gene enhancer in B-cells 2, p49/p100
UniProt Protein Name	Nuclear factor NF-kappa-B p100 subunit
UniProt Gene Name	Nfkb2
UniProt Entry Name	NFKB2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfkb-p100-p52-antibody-immunohistochemistry-western-blot-elisa/45403>