BT LAB
Bioassay Technology Laboratory
Optimize Your Research

NFKappaB-p100 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05974
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NF-kappaB p100/p52. AA range:833-882
Mol wt	96749
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IP, IF, ELISA
Concentration	1 mg/ml
Full name	NFkappaB-p100 Antibody
Synonyms	NFKB2; LYT10; Nuclear factor NF-kappa-B p100 subunit; DNA-binding factor KBF2; H2TF1; Lymphocyte translocation chromosome 10 protein; Nuclear factor of kappa light polypeptide gene enhancer in B-cells

Background

NFKB2 encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. Nuclear factor kappa B subunit 2 encoded by NFKB2 can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for NFKB2 on chromosome 18. Alternative splicing results in multiple transcript variants.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

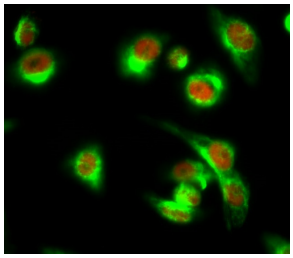
IP: 2 - 5 ug: mg lysate

IF: 1: 200 - 1: 1000

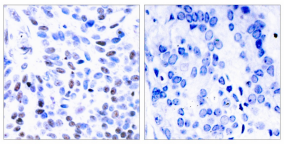
ELISA: 1: 20000

Not yet tested in other applications.

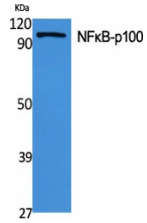
Images



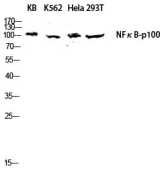
Immunofluorescence analysis of Hela cell. 1,NFκB-p100 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). ATG5 mouse Monoclonal Antibody(3C7)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).



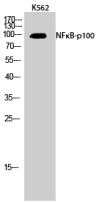
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NF-kappaB p100/p52 Antibody. The picture on the right is blocked with the synthesized peptide.



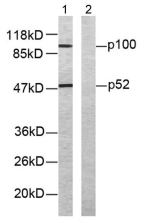
Western Blot analysis of various cells using NFκB-p100 Polyclonal Antibody diluted at 1:1000



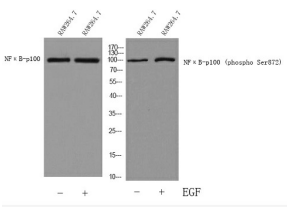
Western blot analysis of KB K562 Hela 293T lysis using NFκB-p100 antibody. Antibody was diluted at 1:1000



Western Blot analysis of K562 cells using NFκB-p100 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from ovary cancer cells, using NF-kappaB p100/p52 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from RAW264.7 cells treated with EGF 200ng/ml 30', using NF-kappaB p100 Antibody. Primary Antibody was diluted at 1:1000 4° over night,secondary antibody(Immunoway cat:RS23920)was diluted at 1:10000, 37° 1hour.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com