



# NFκB-p100 rabbit pAb

Cat No.:ES2943

For research use only

## Overview

<b>Product Name</b>	NFκB-p100 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IP;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NF-kappaB p100/p52. AA range:833-882
<b>Specificity</b>	NFκB-p100 Polyclonal Antibody detects endogenous levels of NFκB-p100 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Nuclear factor NF-kappa-B p100 subunit
<b>Gene Name</b>	NFKB2
<b>Cellular localization</b>	Nucleus. Cytoplasm. Nuclear, but also found in the cytoplasm in an inactive form complexed to an inhibitor (I-kappa-B).
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	4791
<b>Human Swiss-Prot Number</b>	Q00653
<b>Alternative Names</b>	NFKB2; LYT10; Nuclear factor NF-kappa-B p100 subunit; DNA-binding factor KBF2; H2TF1; Lymphocyte translocation chromosome 10 protein;

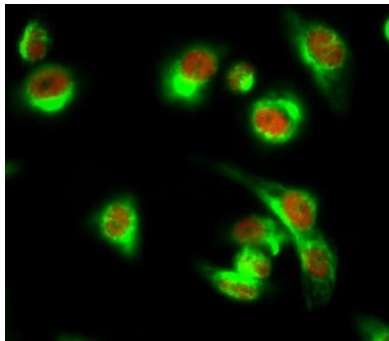
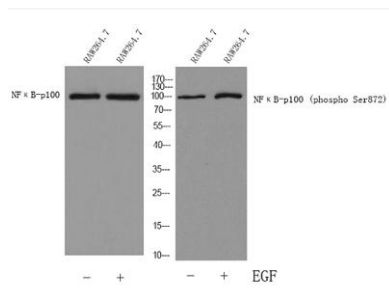




## Background

Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2; Oncogene *Lyt-10*; *Lyt10* nuclear factor kappa B subunit 2(NFKB2) Homo sapiens This gene 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. The protein encoded by this gene 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 this gene on chromosome 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013],

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° overnight, secondary antibody(Immunoway cat:RS23920) was diluted at 1:10000, 37° 1hour.

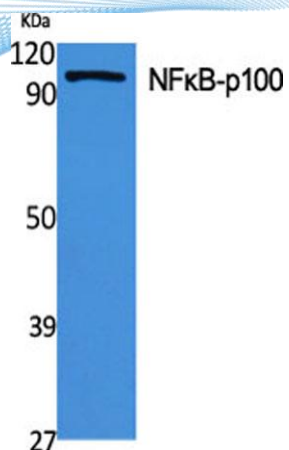


Immunofluorescence analysis of HeLa cell. 1, NFkB-p100 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). ATG5 mouse Monoclonal Antibody(3C7)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog:RS3611 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog:RS3208 was diluted at 1:1000(room temperature, 50min).

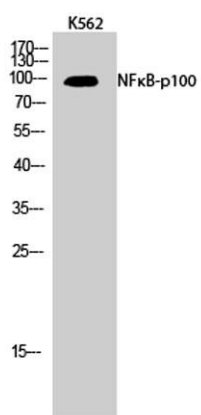




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Western Blot analysis of various cells using NFκB-p100  
Polyclonal Antibody diluted at 1:1000



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



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