

---

**Product Name: NFκB-p100 (phospho Ser865) Rabbit Polyclonal Antibody****Catalog #: APRab05090**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000,IP 1:20-1:50

**Molecular Weight**

**Antigen Information**

<b>Gene Name</b>	NFKB2 NFKB2; LYT10; Nuclear factor NF-kappa-B p100 subunit; DNA-binding factor KBF2; H2TF1;
<b>Alternative Names</b>	Lymphocyte translocation chromosome 10 protein; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2; Oncogene Lyt-10; Lyt10
<b>Gene ID</b>	4791.0
<b>SwissProt ID</b>	Q00653
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NF-kappaB p100/p52 around the phosphorylation site of Ser865. AA range:833-882

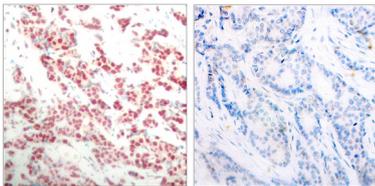
## Background

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],disease:A chromosomal aberration involving NFKB2 is found in a case of B-cell non Hodgkin lymphoma (B-NHL). Translocation t(10;14)(q24;q32) with IGHA1. The resulting oncogene is also called Lym-10C alpha variant.,disease:A chromosomal aberration involving NFKB2 is found in a cutaneous T-cell leukemia (C-TCL) cell line.

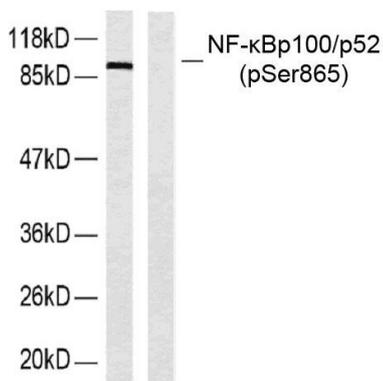
## Research Area

B Cell Receptor; Stem cell pathway; MAPK\_ERK\_Growth;MAPK\_G\_Protein; PI3K/Akt; NF\_kappaB; Protein\_Acetylation

## Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NF-kappaB p100/p52 (Phospho-Ser865) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from ovary cancer, using NF-kappaB p100/p52 (Phospho-Ser865) Antibody. The lane on the left is blocked with the phospho peptide.