

## Product datasheet for **TA323313**

### **NFkB p100 / p52 (NFKB2) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 500-2000 WB positive control: U251, MCF-7, HT-29 cell lysates IHC: 50-200 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide peptide corresponding to a region derived from 865-880 amino acids of human nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)
<b>Formulation:</b>	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	97 kDa
<b>Gene Name:</b>	nuclear factor kappa B subunit 2
<b>Database Link:</b>	<a href="#">NP_001070962</a> <a href="#">Entrez Gene 18034 Mouse</a> <a href="#">Entrez Gene 4791 Human</a> <a href="#">Q00653</a>



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**Background:**

This gene encodes one of the subunits of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB transcription factor complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The NFkB complex can consist of different subunits that form both homo- or heterodimers which bind specific kappa-B elements in target genes. This gene encodes the p100 subunit that is processed into the active p52 subunit. This protein can function as both a transcriptional activator and repressor; depending on its dimer partner. Alternate splicing results in both coding and non-coding variants.?

**Synonyms:**

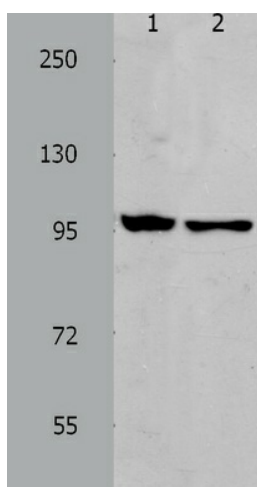
CVID10; H2TF1; LYT-10; LYT10; NF-kB2; p52; p100

**Protein Families:**

Transcription Factors

**Protein Pathways:**

MAPK signaling pathway, Pathways in cancer

**Product images:**

Predicted band size: 97 kDa. Positive control: HT-29 and SKOV3 cell lysate. Recommended dilution: 1/1000-5000