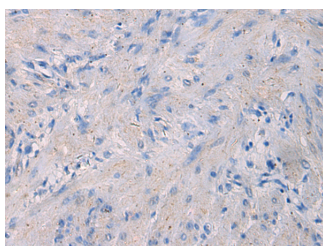


## NFKB1 Polyclonal Antibody

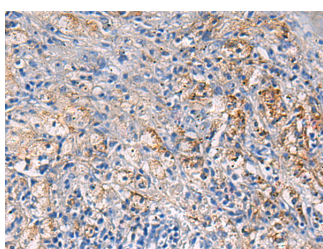
<b>Catalog No.</b>	E-AB-52131	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using NFKB1 Polyclonal Antibody at dilution of 1:80(×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using NFKB1 Polyclonal Antibody at dilution of 1:80(×200)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human NFKB1
<b>Gene Accession</b>	BC051765
<b>Swissprot</b>	P19838
<b>Synonyms</b>	EBP 1,EBP-1,EBP1,KBF1,MGC54151,nf b,NF kappa B,NF kappaB,NF kappabeta,NF kB1,NFkappaB,NFKB 1,NFKB p105,NFKB p50,Nfkb1

### Product Information

<b>Buffer</b>	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	IHC 1:50-1:100, ELISA 1:5000-1:10000

### Background

This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants encoding different isoforms have been found for this gene.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.