

NFKB1 antibody

Product Information

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|---------------|---|
| Catalog No.: | FNab05702 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

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. Alternative splicing results in multiple transcript variants encoding different isoforms, at least one of which is proteolytically processed.

Immunogen information

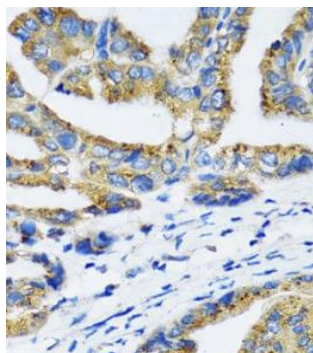
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|--------------|---|
| Immunogen: | nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 |
| Synonyms: | Nuclear factor NF-kappa-B p105 subunit DNA-binding factor KBF1 EBP-1 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 Nuclear factor NF-kappa-B p50 subunit NFKB1 |
| Observed MW: | 120 kDa |
| Uniprot ID : | P19838 |

Application

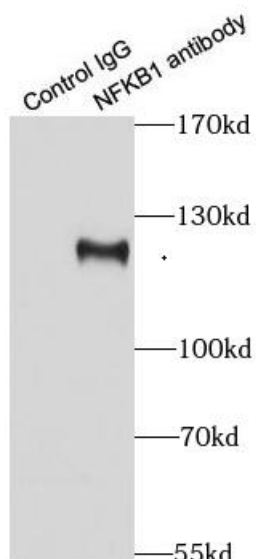
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|---------------------|------------------------|
| Reactivity: | Human |
| Tested Application: | ELISA, WB, IHC, IF, IP |

Recommended dilution: WB: 1:500 - 1:1000; IHC: 1:50 - 1:200; IF: 1:20 - 1:100; IP: 1:20 - 1:50

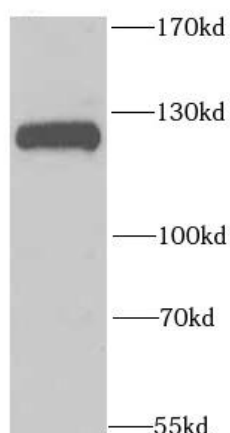
Image:



Immunohistochemistry of paraffin-embedded human gastric cancer using FNab05702(NFKB1 antibody) at dilution of 1:100



Immunoprecipitation analysis of 150ug extracts of MCF-7 cells using 3ug FNab05702(NFKB1 antibody). Western blot was performed from the immunoprecipitate using FNab05702(NFKB1 antibody) at a dilution of 1:500.



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab05702(NFKB1 antibody) at dilution of 1:1000