

anti- NFKB1 antibody

Product Information

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

Immunogen:	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
Synonyms:	CVID12
Observed MW:	120 kDa
UniprotID :	P19838

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889 www.fn-test.com

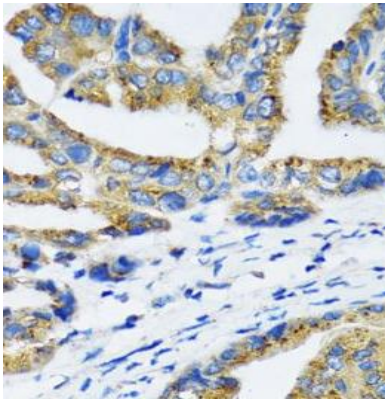
Application

Reactivity: Human

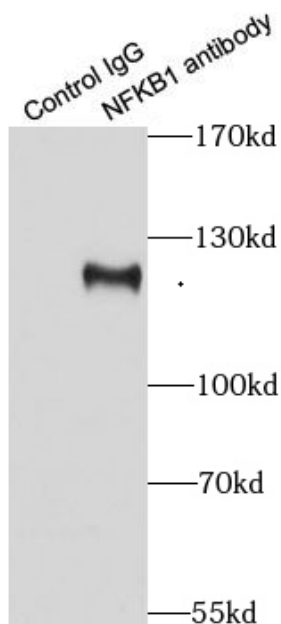
Tested Application: ELISA, WB, IHC, IF, IP

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



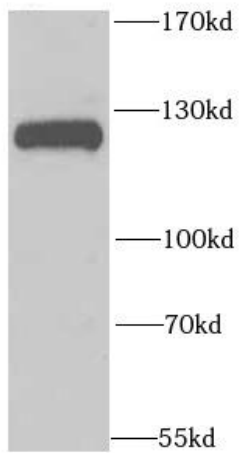
Immunoprecipitation analysis of 150ug extracts of MCF-7 cells using 3ug FNaB05702(NFkB1 antibody). Western blot was performed from the immunoprecipitate using FNaB05702(NFkB1 antibody) at a dilution of 1:500.

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

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