

NFKB2 Polyclonal Antibody

Catalog number: 10409-2-AP

Size: 47 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

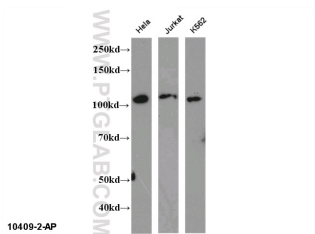
NFKB2; DNA binding factor

KBF2, H2TF1, LYT 10, LYT10,

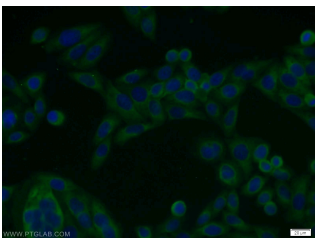
NFKB2, NFKB2,p100,

NFKB2,p52,p100, Oncogene Lyt

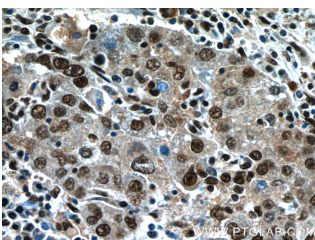
10, p100, p52



WB result of 10409-2-AP(NFKB2 antibody).



Immunofluorescent analysis of HeLa cells using 10409-2-AP(NFKB2 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 10409-2-AP(NFKB2 Antibody) at dilution of 1:50 (under 40x lens)

Background

NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. NFKB2 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p100 and generation of p52 by a cotranslational processing. The proteasome-mediated process ensures the production of both p52 and p100 and preserves their independent function. P52 binds to the kappa-B consensus sequence 5'-GGRNNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions. P52 and p100 are respectively the minor and major form; the processing of p100 being relatively poor. Isoform p49 is a subunit of the NF-kappa-B protein complex, which stimulates the HIV enhancer in synergy with p65. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human NFKB2.

Applications

Tested applications:	ELISA, IHC, WB, IF, IP
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Rat
Calculated NFKB2 MW:	103 kDa
Observed NFKB2 MW:	105kd
Positive WB detected in	Multi-cells, HeLa cells
Positive IP detected in	K-562 cells
Positive IHC detected in	Human pancreas cancer tissue, human liver cancer tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: N/A
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:10-1:100

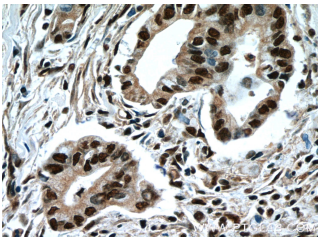
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

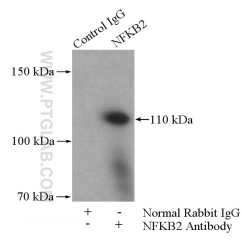
Immunogen:	Ag0662
GenBank accession number:	BC002844
Gene ID (NCBI):	4791
Full name:	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



Immunohistochemistry of paraffin-embedded human pancreas cancer tissue slide using 10409-2-AP (NFKB2 Antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-NFKB2 (IP:10409-2-AP, 4ug; Detection:10409-2-AP 1:600) with K-562 cells lysate 1200ug.