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Product datasheet for TA392594S

NFkB p100 / p52 (NFKB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB:1:5000~1:10000 IF: 1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein.
Specificity:	NFkB p100 polyclonal antibody detects endogenous levels of NFkB p100 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 120 kDa
Gene Name:	nuclear factor kappa B subunit 2
Database Link:	Entrez Gene 4791 Human Q00653
Background:	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.

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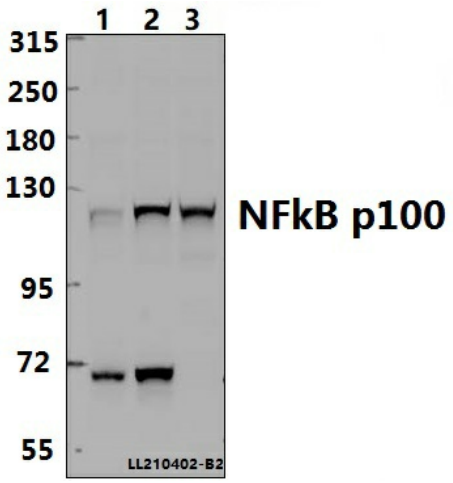
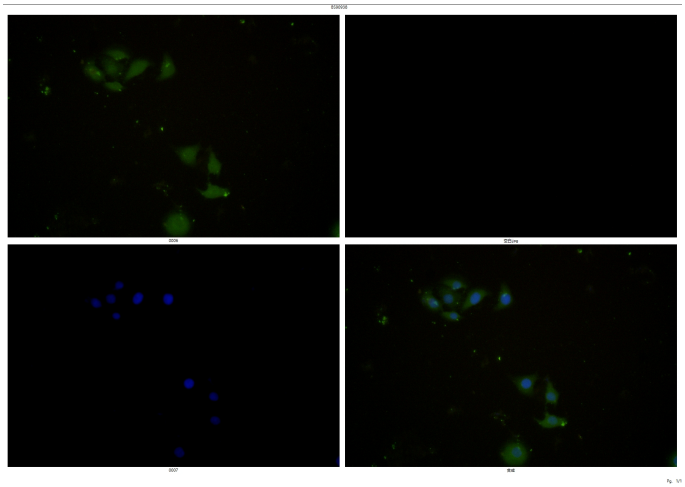
Synonyms: CVID10; DNA binding factor KBF2; H2TF1; Lymphocyte translocation chromosome 10 protein; LYT10; Lyt10; NF kB2; NFKB2; NFKB p52/p100 subunit; Nuclear factor Kappa B subunit 2; Nuclear factor of kappa light polypeptide gene enhancer in B cells 2; Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 (p49/p100); Oncogene Lyt 10; p100; Transcription factor NFKB2

Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of NFkB p100 pAb at 1:5000 dilution Lane1:A549 whole cell lysate(40ug) Lane2:U-87MG whole cell lysate(40ug) Lane3:C6 whole cell lysate(40ug)



Immunofluorescence analysis of A549 cells using NFkB p100 antibody at dilution of 1:50.