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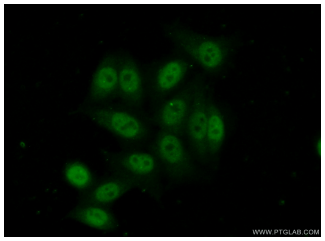
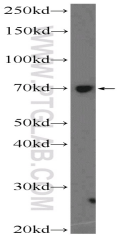
NFKBIZ Polyclonal Antibody

Catalog number: 14014-1-AP
Size: 46 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
NFKBIZ; FLJ30225, FLJ34463, I kappa B zeta, IkappaB zeta, IkappaBzeta, IkB zeta, IKBZ, INAP, IκBζ, MAIL, NF kappa B inhibitor zeta, NFKBIZ



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 14014-1-AP(NFKBIZ Antibody) at dilution of 1:50 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



HeLa cells were subjected to SDS PAGE followed by western blot with 14014-1-AP(NFKBIZ Antibody) at dilution of 1:300

Background

NFKBIZ, also named as NF-kappa-B inhibitor zeta, is a 718 amino acid protein, which contains 7 ANK repeats and is expressed at high levels in peripheral blood leukocytes and lung, at moderate levels in liver, placenta, and at low levels in spleen, kidney, skeletal muscle and heart. NFKBIZ exists as three isoforms and molecular weight of isoform three is a 64 kDa. The isoform one is 78 kDa protein and isoform two is a 68kDa protein protein. NFKBIZ is involved in regulation of NF-kappa-B transcription factor complexes. It Inhibits NF-kappa-B activity without affecting its nuclear translocation upon stimulation.

Applications

Tested applications:	**ELISA, WB, IF**
Cited applications:	**WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Mouse, rat**
Caculated NFKBIZ MW:	**78 kDa**
Observed NFKBIZ MW:	**64 kDa**
Positive WB detected in	**HeLa cells**
Positive IF detected in	**HeLa cells**
Recommended dilution:	**WB: 1:200-1:1000**
	IF: 1:50-1:500

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

Immunogen information

Immunogen:	**Ag5120**
GenBank accession number:	**BC060800**
Gene ID (NCBI):	**64332**
Full name:	**Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta**

Product information

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