

For Research Use Only

# NFKBIZ Polyclonal antibody

Catalog Number: 14014-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

14014-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5120

### GenBank Accession Number:

BC060800

### GeneID (NCBI):

64332

### UNIPROT ID:

Q9BYH8

### Full Name:

nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta

### Calculated MW:

78 kDa

### Observed MW:

78 kDa, 64 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

### Positive Controls:

WB : HeLa cells, THP-1 cells, U-251 cells

IF/ICC : HeLa cells,

## Background Information

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 68 kDa 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yu Zhang	25103639	J Surg Res	WB
Duoduo Xu	27392770	Int J Biol Macromol	
Fanhua Kong	35111153	Front Immunol	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

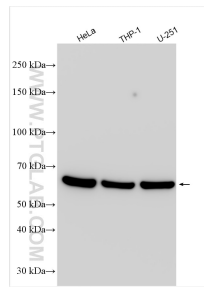
For technical support and original validation data for this product please contact:

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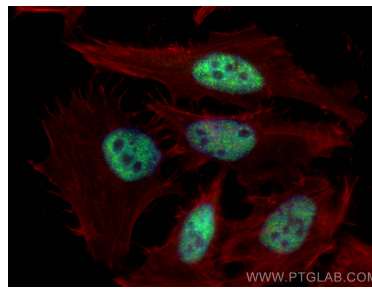
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14014-1-AP (NFKBIZ antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NFKBIZ antibody (14014-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).