

For Research Use Only

NFKBIZ Polyclonal antibody

Catalog Number: 14014-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

14014-1-AP

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

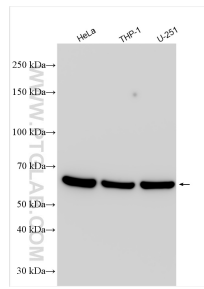
T: 4006900926

E: Proteintech-CN@ptglab.com

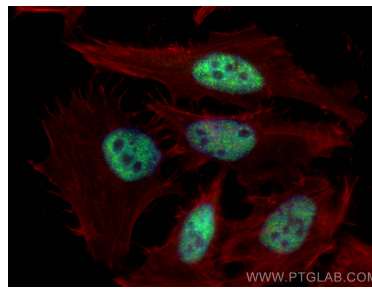
W: ptgcn.com

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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 AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).