

# Product Datasheet

## RelA/NFkB p65 NLS Antibody - BSA Free NBP2-24541

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 5

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**NBP2-24541**

RelA/NFkB p65 NLS Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

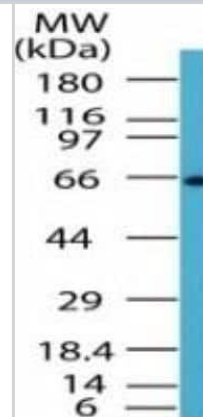
Product Description	
Host	Rabbit
Gene ID	5970
Gene Symbol	RELA
Species	Human, Mouse, Bovine, Equine, Primate
Immunogen	A portion of the NFkB p65 NLS nuclear localization signal (NLS) (amino acids DTDDRHRIEEKRKRT) was used as the immunogen for this antibody.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-3 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 5 ug/ml, Immunohistochemistry-Paraffin 10 ug/ml

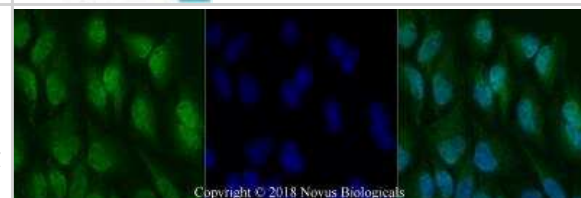


## Images

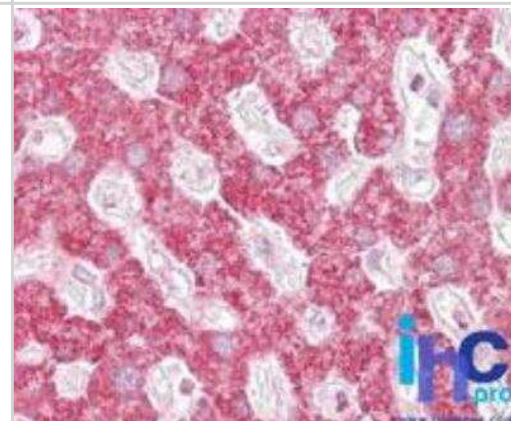
Western Blot: RelA/NFkB p65 NLS Antibody [NBP2-24541] - NFkB p65 NLS Antibody [NBP2-24541] - NFkB p65 NLS Antibody analysis of p65 NLS in Jurkat lysate using p65 NLS antibody at 1 ug/ml. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



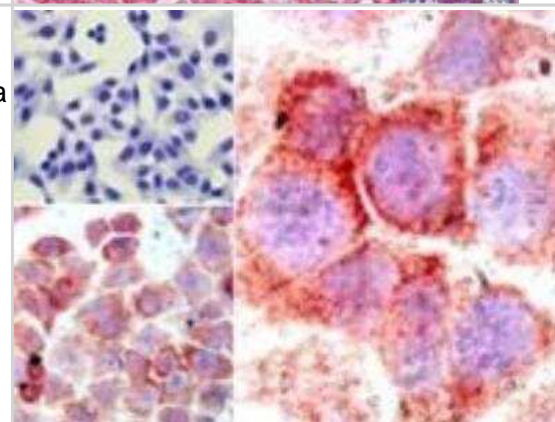
Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 NLS Antibody [NBP2-24541] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-RelA/NFkB p65 NLS Antibody at 5 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody [NBP2-24541] - NFkB p65 NLS Antibody Formalin-fixed, paraffin-embedded human liver stained with p65 NLS antibody at 10 ug/ml. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody [NBP2-24541] - NFkB p65 NLS Antibody analysis of p65 NLS in formalin-fixed, paraffin-embedded human HeLa cells (top left) and LPS-stimulated HeLa cells (bottom left, right) using p65 NLS antibody at 5 ug/ml.



## Publications

Ren J, Hu Z, Li Q et al. Temperature-induced embryonic diapause in chickens is mediated by PKC-NF- $\kappa$ B-IRF1 signaling BMC biology 2023-03-08 [PMID: 36882743]

Song H, Ye X, Liao Y et al. NF- $\kappa$ B represses retinoic acid receptor-mediated GPRC5A transactivation in lung epithelial cells to promote neoplasia JCI Insight 2023-01-10 [PMID: 36413416] (Immunohistochemistry)

Marwarha G, Slagsvold KH, Høydal MA NF- $\kappa$ B Transcriptional Activity Indispensably Mediates Hypoxia-Reoxygenation Stress-Induced microRNA-210 Expression International journal of molecular sciences 2023-04-01 [PMID: 37047592] (ELISA)

Khan HU, Aamir K, Jusuf PR et al Lauric acid ameliorates lipopolysaccharide (LPS)-induced liver inflammation by mediating TLR4/MyD88 pathway in Sprague Dawley (SD) rats Life Sci 2020-11-14 [PMID: 33188836] (WB, Mouse)

### Details:

Citation using the Azide Free version of this antibody.

Milanovic M. Regulation of conformation and activity of nuclear NF-kappaBeta p65 by phosphorylation, chaperones and p65 DNA-binding. Thesis. 2014-03-03 (IP, Human)

### Details:

Nuclear extracts of HEK-393 cells stimulated with TNF, Fig 3.8. The results showed that the p65 mAb antibody immunoprecipitated TNF-activated nuclear p65. This mAb recognizes the NLS of p65 when I $\kappa$ Ba is degraded.





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### **Products Related to NBP2-24541**

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NBP2-24541PEP	RelA/NFkB p65 NLS Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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