

# Product Datasheet

## RelA/NFkB p65 Antibody - BSA Free NB100-56502

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NB100-56502**

RelA/NFkB p65 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS, 0.2% gelatin

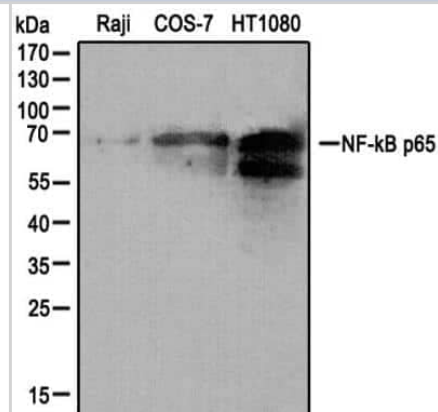
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5970
<b>Gene Symbol</b>	RELA
<b>Species</b>	Human, Primate
<b>Reactivity Notes</b>	Reacts with Chimpanzee and New World Monkey. Predicted to react with Canine, Mouse and Rat.
<b>Specificity/Sensitivity</b>	The amino acid sequence used as immunogen is 100% homologous in human (isoform CRA_a, CRA_c)
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids within 1 and 50 of human p65 protein was used as immunogen.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 10 ug/mL

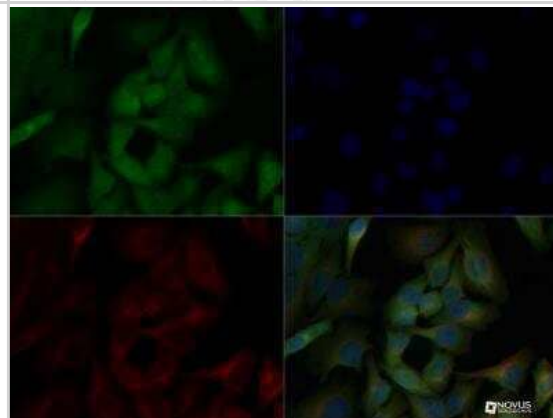


## Images

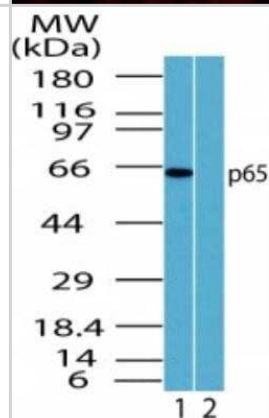
Western Blot: RelA/NFkB p65 Antibody [NB100-56502] - Analysis of extracts from various cell lines using NFkB p65 antibody at 1:100 (5 ug/mL).



Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 Antibody [NB100-56502] - p65 antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red).



Western Blot: RelA/NFkB p65 Antibody [NB100-56502] - Analysis of p65 in HeLa cell lysate in the 1) absence and 2) presence of immunizing peptide using this antibody.



## Publications

Bimonte S, Barbieri A, Palma G et al. Dissecting the role of curcumin in tumour growth and angiogenesis in mouse model of human breast cancer *Biomed Res Int* 2015-04-16 [PMID: 25879038] (WB, Human)

Details:

p65 antibody used for WB on lysates of ER-negative breast cancer cells MDA.MB231- xenografts from mice that were treated or not with curcumin (Figure 3C).

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 pAb antibody immunoprecipitated TNF-activated nuclear p65.



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### **Products Related to NB100-56502**

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NB800-PC1	HeLa Whole Cell Lysate
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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