

# Product Datasheet

## RelA/NFkB p65 [p Ser276] Antibody - BSA Free NBP1-77827

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NBP1-77827**

RelA/NFkB p65 [p Ser276] Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Whole Antiserum
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Product Description</b>	
<b>Description</b>	<p>This antibody RelA/NFkB p65 p Ser276 Antibody was prepared from monospecific antiserum by delipidation and defibrination</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Rabbit
<b>Gene ID</b>	5970
<b>Gene Symbol</b>	RELA
<b>Species</b>	Human
<b>Reactivity Notes</b>	This phospho specific polyclonal antibody is specific for phosphorylated pS276 human RelA/NFkB p65. Reactivity with non-phosphorylated pS267 is minimal. Cross reactivity with pS276 phosphorylated RelA/NFkB p65 from mouse, rat or other species has not been determined.
<b>Specificity/Sensitivity</b>	The resultant affinity purified antibody was then cross-adsorbed against the non-phosphorylated form of the immunizing peptide. This phospho specific polyclonal antibody is specific for phosphorylated pS276 human RelA/NFkB p65. Reactivity with non-phosphorylated pS267 is minimal. Cross reactivity with pS276 phosphorylated RelA/NFkB p65 from mouse, rat or other species has not been determined.
<b>Immunogen</b>	RelA/NFkB p65 peptide corresponding to an internal region near phospho Serine 276 of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH). (Uniprot: Q04206)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA 1:5000-1:25000, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500

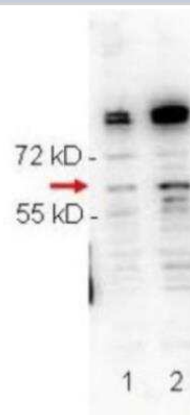


**Application Notes**

This product reacts with human pS276 p65 and shows minimal reactivity when tested by western blot with non-phosphorylated p65 and minimal reactivity when tested by ELISA against the non-phosphorylated form of the immunizing peptide. For immunoblotting a 1:1,000 dilution is recommended. A 65 kDa band corresponding to human p65 is detected. HeLa cells or TNF inducible KBM-5 cells can be used as a positive control. Although not tested, this antibody is likely functional in immunohistochemistry and immunoprecipitation.

**Images**

Western Blot: RelA/NFκB p65 [p Ser276] Antibody [NBP1-77827] - Probed against Normal (Lane 1) and TNFα (Lane 2) Stimulated HeLa whole cell lysates. A band was observed between 55 and 72 kD corresponding to the expected MW of NFκB p65. The observed higher MW bands have not been characterized.

**Publications**

Sheldon M, Rice DS, D'Arcangelo G et al. Toll-like receptor 2 mediates apolipoprotein CIII-induced monocyte activation. *Circ Res* 2008-12-01 [PMID: 18974386]

Ashikawa K, Majumdar S, Banerjee S et al. Piceatannol inhibits TNF-induced NF-kappaB activation and NF-kappaB-mediated gene expression through suppression of IκappaBα kinase and p65 phosphorylation. *J Immunol*. 2002-12-01 [PMID: 12444159]



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### **Products Related to NBP1-77827**

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NBP1-97002	RelA/NFkB p65 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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