

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

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Whole Antiserum
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	<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>
Host	Rabbit
Gene ID	5970
Gene Symbol	RELA
Species	Human
Reactivity Notes	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.
Specificity/Sensitivity	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.
Immunogen	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)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	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

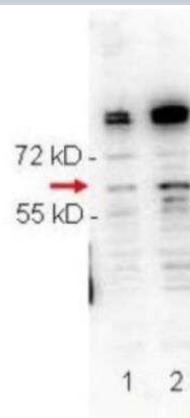


Application Notes

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/NFkB p65 [p Ser276] Antibody [NBP1-77827] - Probed against Normal (Lane 1) and TNFalpha (Lane 2) Stimulated HeLa whole cell lysates. A band was observed between 55 and 72 kD corresponding to the expected MW of NFkB 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 IkappaBalpha kinase and p65 phosphorylation. J Immunol. 2002-12-01 [PMID: 12444159]



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Products Related to NBP1-77827

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

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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