

Datasheet: AHP2697

BATCH NUMBER 164971

Description:	RABBIT ANTI NFkB p65 (pSer276)
Specificity:	NFkB p65 (pSer276)
Other names:	RELA
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/50 - 1/100
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Rat

Based on sequence similarity, is expected to react with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to NFkB p65 (pSer276) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative	0.05% ProClin™300
Stabilisers	50% Glycerol
Immunogen	Phospho specific-peptide corresponding to residues surrounding serine 276 of human NFκB p65
External Database Links	<p>UniProt: Q04206 Related reagents</p> <p>Entrez Gene: 5970 RELA Related reagents</p>
Synonyms	NFKB3
Specificity	<p>Rabbit anti NFκB p65 (pSer276) antibody recognizes nuclear factor NF-kappa-B p65 subunit (NFκB3 p65) also known as transcription factor p65 or RELA, when phosphorylated at serine 276. NFκB p65 is part of the NFκB transcription factor complex that also includes RELB, NFκB1 p105, NFκB1 p50, REL and NFκB2 p52. NFκB p65 regulates expression of a wide variety of genes involved in immune and inflammatory responses (May, M.J. & Ghosh, S. 1997). Protein kinase A (PKA) phosphorylates NFκB p65 on serine 276 and modulates transcriptional activity of NFκB by mediating its interaction with CBP/p300 (Zhong, H. et al. 1998). Serine 276 has also been demonstrated to be phosphorylated by mitogen- and stress- activated protein kinase-1 (MSK1) (Vermeulen, L. et al. 2003). The NFκB pathway plays a critical role in orchestrating immune responses after infection and has been implicated in a variety of diseases ranging from autoimmune disorders to cancer.</p>
Storage	<p>Store at -20°C</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Acknowledgements	ProClin™ is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.
Health And Safety Information	Material Safety Datasheet documentation #20376 available at: https://www.bio-rad-antibodies.com/SDS/AHP269720376
Regulatory	For research purposes only

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