

Datasheet: AHP2660

BATCH NUMBER 141617

Description:	RABBIT ANTI NFkB p105 (pSer932)
Specificity:	NFkB p105 (pSer932)
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

Based on sequence similarity, is expected to react with: Mouse, Rat
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 p105 (pSer932) 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 Stabilisers

0.02% Sodium Azide

50% Glycerol

Immunogen Phospho specific-peptide corresponding to residues surrounding serine 932 of human NFκB p105

External Database Links

UniProt:

[P19838](#) [Related reagents](#)

Entrez Gene:

[4790](#) NFκB1 [Related reagents](#)

Specificity

Rabbit anti NFκB p105 (pSer932) antibody recognizes human nuclear factor NF-kappa-B (NFκB) p105 subunit, also known as DNA-binding factor KBF1, EBP-1 or nuclear factor of kappa light polypeptide gene enhancer in B-cells,when phosphorylated at serine 932.

NFκB p105 is a large precursor protein that is cleaved at its C-terminus (which mainly contains ankyrin repeats) by the ubiquitin/proteasome pathway into the NFκB p50 subunit. The p50 subunit is also known as NFκB1 and interacts with members of the Rel protein family to form transcription factors. The NF-kappa-B pathway plays a critical role in mediating immune responses after infection and has been implicated in a variety of diseases ranging from autoimmune disorders to cancer.

NFκB p105 is phosphorylated at serine 927 and serine 932 by the IκB kinase (IKK) complex. Phosphorylation at serines 927 and 932 is required for TNF-alpha induced degradation of NFκB p105 ([Lang et al. 2003](#)).

Further Reading

1. Lang, V. *et al.* (2003) betaTrCP-mediated proteolysis of NF-kappaB1 p105 requires phosphorylation of p105 serines 927 and 932. [Mol Cell Biol. 23 \(1\): 402-13.](#)

Storage

Store at -20°C

Storage in frost-free freezers is not recommended.

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2660>
10049

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M337769:181217'

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