

## Datasheet: AHP2659

<b>Description:</b>	RABBIT ANTI NFkB p105 (pSer927)
<b>Specificity:</b>	NFkB p105 (pSer927)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
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.

<b>Target Species</b>	Human
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<b>Product Form</b>	Purified IgG - liquid
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<b>Antiserum Preparation</b>	Antiserum to NFkB p105 (pSer927) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative</b>	0.02% Sodium Azide
<b>Stabilisers</b>	50% Glycerol

<b>Immunogen</b>	Phospho specific-peptide corresponding to residues surrounding serine 927 of human NFkB p105
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### External Database Links

#### UniProt:

[P19838](#)

[Related reagents](#)

**Entrez Gene:**

[4790](#) NFKB1 [Related reagents](#)

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<b>Specificity</b>	<p><b>Rabbit anti NFKB p105 (pSer927) antibody</b> recognizes human nuclear factor NF-kappa-B (NFKB) 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 927.</p> <p>NFKB 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 NFKB p50 subunit. The p50 subunit, also known as NFKB1, 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.</p> <p>NFKB p105 is phosphorylated at serine 927 and serine 932 by the Ikb kinase (IKK) complex. Phosphorylation at serines 927 and 932 is required for TNF-alpha induced degradation of NFKB p105 (<a href="#">Lang et al. 2003</a>).</p>
<b>Further Reading</b>	<p>1. Lang, V. <i>et al.</i> (2003) betaTrCP-mediated proteolysis of NF-kappaB1 p105 requires phosphorylation of p105 serines 927 and 932. <a href="#">Mol Cell Biol. 23 (1): 402-13.</a></p>
<b>Storage</b>	<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>
<b>Guarantee</b>	<p>12 months from date of despatch</p>
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10049 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2659">https://www.bio-rad-antibodies.com/SDS/AHP2659</a></p> <p>10049</p>
<b>Regulatory</b>	<p>For research purposes only</p>

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## 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](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

### Recommended Useful Reagents

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

**North & South** Tel: +1 800 265 7376

**Worldwide** Tel: +44 (0)1865 852 700

**Europe** Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

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batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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