

Datasheet: AHP2661

Description:	RABBIT ANTI NFkB p100 (pSer870)
Specificity:	NFkB p100 (pSer870)
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
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

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to NFkB p100 (pSer870) 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 0.02% Sodium Azide
Stabilisers 50% Glycerol

Immunogen Phospho specific-peptide corresponding to residues surrounding serine 870 of human NFkB p100

External Database Links

UniProt:

[Q00653](https://www.uniprot.org/entry/Q00653)

[Related reagents](#)

Entrez Gene:

[4791](#) NFKB2 [Related reagents](#)

Synonyms	LYT10
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Specificity	<p>Rabbit anti NFkB p100 (pSer870) antibody recognizes nuclear factor NF-kappa-B p100 subunit (NFkB p100), also known as lymphocyte translocation chromosome 10 protein, nuclear factor Kappa-B subunit 2, nuclear factor of Kappa light chain gene enhancer in B cells 2, oncogene Lyt-10 or transcription factor NFKB2, when phosphorylated at serine 870.</p> <p>NFkB p100 is a subunit of the NFkB transcription factor complex that is cleaved to form the NFkB p52 subunit. The NFkB 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>Phosphorylation of NFkB p100 at serine 870 is mediated by MAP3K14 (Xiao et al. 2001).</p>
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Further Reading	1. Xiao, G. <i>et al.</i> (2001) NF-kappaB-inducing kinase regulates the processing of NF-kappaB2 p100. Mol Cell. 7 (2): 401-9.
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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.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Recommended Useful Reagents

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

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

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