

Datasheet: AHP2330

Description:	RABBIT ANTI NFκB p105
Specificity:	NFκB p105
Other names:	NF-KAPPA-B
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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	▪			0.5 - 4.0 µg/ml

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: Mouse

Based on sequence similarity, is expected to react with: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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

30% Glycerol

0.5% Bovine Serum Albumin

0.01% Thiomersal

Approx. Protein

IgG concentration 0.5 mg/ml

Concentrations

Immunogen Synthetic peptide surrounding amino acid 955 of human NFkB p105.

External Database Links

UniProt:

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

Entrez Gene:

[4790](#) NFkB1 [Related reagents](#)

Specificity

Rabbit anti NFkB p105 antibody recognizes Nuclear factor NF-kappa-B p105 subunit also known as DNA-binding factor KBF1 and Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1. NF-kappa-B p105 is a large precursor protein that is cleaved at its C-terminus, containing a number of ankyrin repeats, by the ubiquitin/proteasome pathway into the NF-kappa-B p50 subunit. The p50 subunit is also known as NF-κB1 and interacts with members of the Rel protein family to form transcription factors. In the absence of stimulation an I-kappa-B inhibitory protein mediated sequestration mechanism ensures that the transcription factors remain in the cytoplasm. Upon stimulation, I-kappa-B proteins become phosphorylated, which results in their ubiquitylation and subsequent degradation by the 26S proteasome. 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.

Western Blotting

Rabbit anti NFkB (p105) antibody recognizes a band of approximately 105 kDa in 3T3 cell lysate and Jurkat cell lysate

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 #10096 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP2330>
10096

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)

[FITC](#)

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](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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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
'M379672:210401'

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