

## Datasheet: AHP2330

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

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			0.5 - 4.0 ug/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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse Based on sequence similarity, is expected to react with:Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	30% Glycerol
<b>Stabilisers</b>	0.5% Bovine Serum Albumin 0.01% Thiomersal
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Synthetic peptide surrounding amino acid 955 of human NFkB p105.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P19838</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b>

---

<b>Specificity</b>	<b>Rabbit anti NFkB p105 antibody</b> 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 in mediating immune responses after infection and has been implicated in a variety of diseases ranging from autoimmune disorders to cancer.
<b>Western Blotting</b>	Rabbit anti NFkB (p105) antibody recognizes a band of approximately 105 kDa in 3T3 cell lysate and Jurkat cell lysate
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10096 available at: 10096: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10096.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10096.pdf</a>
<b>Regulatory</b>	For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	<a href="#">FITC</a>
Goat Anti Rabbit IgG (H/L) (STAR124...)	<a href="#">HRP</a>
Goat Anti Rabbit IgG (Fc) (STAR121...)	<a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Sheep Anti Rabbit IgG (STAR35...)	<a href="#">RPE</a>
Sheep Anti Rabbit IgG (STAR36...)	<a href="#">DyLight®488</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a>

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

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

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

'M337766:181217'

Printed on 01 May 2020