

Datasheet: AHP2332

Description:	RABBIT ANTI NFκB p65
Specificity:	NFκB p65
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 ug/ml
Immunocytochemistry	▪			10 - 20 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.

Target Species

Mouse

Species Cross Reactivity

Reacts with: Human

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

25% Glycerol

0.5% Bovine Serum Albumin

0.01% Thiomersal

Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Synthetic peptide surrounding amino acid 274 of mouse NFkB p65.
External Database Links	<p>UniProt: Q04207 Related reagents</p> <p>Entrez Gene: 19697 Rela Related reagents</p>
Synonyms	Nfkb3
Specificity	<p>Rabbit anti NFkB p65 antibody recognizes Nuclear factor NF-kappa-B p65 subunit also known as Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 or RelA. NF-kappa-B p105 and p100 subunits are large precursor proteins that are cleaved by the ubiquitin/proteasome pathway into the mature NF-kappa-B p50 and p52 subunits (NF-kappa-B p105 cleavage results in the p50 unit, while cleavage of NF-kappa-B p100 results in the p52 subunit). Rel protein family members interact with p52 and p50 to form transcription factors. In the absence of stimulation an I-kappa-B 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.</p>
Western Blotting	Rabbit anti NFkB p65 antibody primarily recognizes a band of approximately 65 kDa in Jurkat cell lysate
References	1. Tran, T.H. <i>et al.</i> (2016) Repeated exposure to far infrared ray attenuates acute restraint stress in mice via inhibition of JAK2/STAT3 signaling pathway by induction of glutathione peroxidase-1. Neurochem Int. 94: 9-22.
Storage	<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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10096 available at: 10096: https://www.bio-rad-antibodies.com/uploads/MSDS/10096.pdf
Regulatory	For research purposes only

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](#)

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