

Datasheet: AHP2332

Description:	RABBIT ANTI NFkB p65
Specificity:	NFkB 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.
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	UniProt: Q04207 Related reagents Entrez Gene:

Synonyms	Nfkb3
Specificity	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.
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	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.
Shelf Life	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
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800

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