

Datasheet: AHP2331

Description:	RABBIT ANTI NFkB p50
Specificity:	NFkB p50
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

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, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	30% Glycerol 0.5% Bovine Serum Albumin 0.01% thiomersal
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Synthetic peptide corresponding to the N-terminus of human NFkB p50.
External Database Links	UniProt: P19838 Related reagents Entrez Gene: 4790 NFkB1 Related reagents

Specificity	Rabbit anti NFkB p50 antibody recognizes Nuclear factor NF-kappa-B p50 subunit. NF-kappa-B p105 is a large precursor protein that is cleaved at its C-terminus (which mainly contains ankyrin repeats) by the ubiquitin/proteasome pathway into the NF-kappa-B p50 subunit. The NF-kappa-B p50 subunit is also known as NF-kappa-B1 and interacts with members of the Rel protein family 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 (p50) antibody recognizes a band of approximately 50 kDa in 3T3 cell lysate and rat kidney tissue 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.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10584 available at: 10584: https://www.bio-rad-antibodies.com/uploads/MSDS/10584.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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