

Datasheet: AHP2331

Description:	RABBIT ANTI NFκB p50
Specificity:	NFκB 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. 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 Concentrations

IgG concentration 0.5 mg/ml

Immunogen Synthetic peptide corresponding to the N-terminus of human NFκB p50.

External Database

Links

UniProt:

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

Entrez Gene:

[4790](#) NFκB1 [Related reagents](#)

Specificity

Rabbit anti NFκB 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 NFκB (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.

Guarantee

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 (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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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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