

Datasheet: AHP394

Description:	SHEEP ANTI HUMAN NFkB p65
Specificity:	NFkB p65
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			1/2,000
Immunoprecipitation	■			
Western Blotting	■			1/200 - 1/1000
Gel Super Shift Assays	■			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to human NF-kB were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Human p65 (residues 12-317) expressed in E. coli
External Database Links	UniProt: Q04206 Related reagents

Entrez Gene:[5970](#) RELA [Related reagents](#)**Synonyms**

NFKB3

Specificity

Sheep anti Human NFkB p65 antibody recognizes human full length human p65 (NF-κB), also known as Transcription factor p65 or Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3. Human NFkB p65 is a 551 amino acid pleiotropic transcription factor containing a single [RHD domain](#). Sheep anti Human NFkB p65 antibody will also detect proteolytic fragments of NFkB p65 containing the DNA binding RHD domain located in the amino-terminal region. Multiple isoforms of NFkB p65 are generated by alternative splicing. Sheep anti Human NFkB p65 antibody binds to isoforms 1 and 2 containing the intact RHD domain, but it is unclear whether it will bind to isoforms 3 and 4 which have partial differing deletions within the RHD domain.

References

1. Lee, J.H. *et al.* (2007) Heparin inhibits NF-κB activation and increases cell death in cerebral endothelial cells after oxygen-glucose deprivation. [J Mol Neurosci. 32: 145-54.](#)

Storage

Store at +4°C for one month or at -20°C for longer.

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

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10041 available at:
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[FITC](#), [HRP](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: 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

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

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