

Datasheet: AHP394

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|----------------------|---------------------------|
| 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

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|--------------------------------------|---|
| Immunogen | Human p65 (residues 12-317) expressed in E. coli |
| External Database Links | <p>UniProt: Q04206 Related reagents</p> <p>Entrez Gene: 5970 RELA Related reagents</p> |
| Synonyms | NFKB3 |
| RRID | AB_322344 |
| Specificity | <p>Sheep anti Human NFkB p65 antibody recognizes human full length human p65 (NF-kB), 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.</p> |
| References | <p>1. Lee, J.H. <i>et al.</i> (2007) Heparin inhibits NF-kB activation and increases cell death in cerebral endothelial cells after oxygen-glucose deprivation. J Mol Neurosci. 32: 145-54.</p> |
| Storage | <p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p> |
| Guarantee | 12 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](#), [HRP](#)

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

'M384361:210513'

Printed on 18 May 2021
