

## Datasheet: AHP395

<b>Description:</b>	SHEEP ANTI HUMAN NF KAPPA B INHIBITOR ALPHA
<b>Specificity:</b>	NF KAPPA B INHIBITOR ALPHA
<b>Other names:</b>	IκB ALPHA
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/2000
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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to human NF kappa B inhibitor alpha was raised by repeated immunisation of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	0.5% Bovine Serum Albumin
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Human NF kappa B inhibitor alpha expressed in E. coli.

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## External Database Links

### UniProt:

[P25963](#)    [Related reagents](#)

### Entrez Gene:

[4792](#)    NFKBIA    [Related reagents](#)

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**Synonyms** IKBA, MAD3, NFKBI

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**RRID** AB\_2151604

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**Specificity** **Sheep anti Human NF Kappa B Inhibitor alpha antibody** recognizes NF-kappa-B inhibitor alpha (NFkB $\alpha$ , also known as I $\kappa$ B  $\alpha$ ). NFkB $\alpha$  is one of seven members of the I $\kappa$ B class of inhibitor proteins that have been identified to date. NFkB $\alpha$  inhibits the NFkB complex in unstimulated cells through non-covalent binding. Following stimulation of cells, NFkB $\alpha$  is phosphorylated so that it dissociates from the NFkB and then ubiquitinated prior to degradation.

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**Western Blotting** AHP395 detects a band of approximately 39 kDa in THPI cell lysates.

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**Storage** 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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10058 available at: <https://www.bio-rad-antibodies.com/SDS/AHP395>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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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](http://bio-rad-antibodies.com/datasheets)

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