

Datasheet: AHP395

Description:	SHEEP ANTI HUMAN NF KAPPA B INHIBITOR ALPHA
Specificity:	NF KAPPA B INHIBITOR ALPHA
Other names:	IκB ALPHA
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	▪			1/2000
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.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	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.
Buffer Solution	TRIS buffered saline
Preservative	<0.1% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

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

External Database Links

UniProt:

[P25963](#) [Related reagents](#)

Entrez Gene:

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

Synonyms IKBA, MAD3, NFKBI

RRID AB_2151604

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

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

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10058 available at: 10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [DyLight@488](#), [HRP](#)

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

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