

Datasheet: AHP395

BATCH NUMBER 151222

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	0.09% Sodium Azide
Stabilisers	0.5% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Human NF kappa B inhibitor alpha expressed in E. coli.
External Database Links	<p>UniProt: P25963 Related reagents</p> <p>Entrez Gene: 4792 NFKBIA Related reagents</p>
Synonyms	IKBA, MAD3, NFKBI
RRID	AB_2151604
Specificity	Sheep anti Human NF Kappa B Inhibitor alpha antibody recognizes NF-kappa-B inhibitor alpha (NFkB1a, also known as IκB alpha). NFkB1a is one of seven members of the IκB class of inhibitor proteins that have been identified to date. NFkB1a inhibits the NFκB complex in unstimulated cells through non-covalent binding. Following stimulation of cells, NFkB1a is phosphorylated so that it dissociates from the NFκB and then ubiquitinated prior to degradation.
Western Blotting	AHP395 detects a band of approximately 39 kDa in THPI cell lysates.
Storage	Store at +4°C or at -20°C if preferred. 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 #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP395 10058
Regulatory	For research purposes only

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

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