

## 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>	IkB 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.

**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** **UniProt:**

**Links**[P25963](#) [Related reagents](#)**Entrez Gene:**[4792](#) NFKBIA [Related reagents](#)**Synonyms**

IKBA, MAD3, NFKBI

**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.

**Shelf Life**

18 months from date of despatch.

**Health And Safety Information**

Material Safety Datasheet documentation available at:  
Material Safety Datasheet Documentation #10058 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10058.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](#)

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