

## Datasheet: 9098-3008

<b>Description:</b>	RABBIT ANTI HUMAN NF KAPPA B INHIBITOR ALPHA (C-TERMINAL)
<b>Specificity:</b>	NF KAPPA B INHIBITOR ALPHA (C-TERMINAL)
<b>Other names:</b>	IκB ALPHA
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## 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	▪			1/1000 - 1/5000
Immunohistology - Paraffin			▪	
ELISA	▪			1/20,000 - 1/100,000
Immunoprecipitation	▪			
Western Blotting	▪			1/2000 - 1/10,000

Where this product 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 product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse, Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Serum - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Total protein concentration 80.0 mg/ml
<b>Immunogen</b>	NFκB1α peptide corresponding to a region near the C-terminus of the human protein, conjugated with KLH.
<b>External Database</b>	<b>UniProt:</b>

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

**Entrez Gene:**

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

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**Synonyms** IKBA, MAD3, NFKBI

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**RRID** AB\_620370

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

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**References** 1. Hoffmann, A. *et al.* (2002) The IkbB-NF-kappaB signaling module: temporal control and selective gene activation. [Science. 298 \(5596\): 1241-5.](#)

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**Storage** Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10342 available at:  
10342: <https://www.bio-rad-antibodies.com/uploads/MSDS/10342.pdf>

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**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

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