

Datasheet for ABIN7184467  
**anti-NFKBIA antibody (N-Term)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                       |
|----------------------|---------------------------------------|
| Quantity:            | 100 µL                                |
| Target:              | NFKBIA                                |
| Binding Specificity: | N-Term                                |
| Reactivity:          | Human                                 |
| Host:                | Rabbit                                |
| Clonality:           | Polyclonal                            |
| Conjugate:           | This NFKBIA antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA          |

## Product Details

|                   |                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| Immunogen:        | Synthesized peptide derived from N-terminal of Human IκB-α.                                                           |
| Isotype:          | IgG                                                                                                                   |
| Cross-Reactivity: | Human, Mouse                                                                                                          |
| Purification:     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

## Target Details

|                   |                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------|
| Target:           | NFKBIA                                                                                       |
| Alternative Name: | NFKBIA ( <a href="#">NFKBIA Products</a> )                                                   |
| Background:       | Background: Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers |

Target Details

in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.

Haskill S., Cell 65:1281-1289(1991).  
Jungnickel B., J. Exp. Med. 191:395-402(2000).  
Liu B., Submitted (APR-2001) to the EMBL/GenBank/DDBJ databases.

Aliases: I kappa B alpha antibody, I-kappa-B-alpha antibody, IkappaBalpha antibody, IκB-alpha antibody, IKBA antibody, IKBA\_HUMAN antibody, IκBalpha antibody, MAD 3 antibody, MAD3 antibody, Major histocompatibility complex enhancer-binding protein MAD3 antibody, NF kappa B inhibitor alpha antibody, NF-kappa-B inhibitor alpha antibody, NFKBI antibody, NFKBIA antibody, Nuclear factor of kappa light chain gene enhancer in B cells antibody, Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha antibody

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt:  | <a href="#">P25963</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pathways: | <a href="#">NF-kappaB Signaling</a> , <a href="#">TCR Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Hepatitis C</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">BCR Signaling</a> |

Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | WB:1:500-1:3000,      |
| Restrictions:      | For Research Use only |

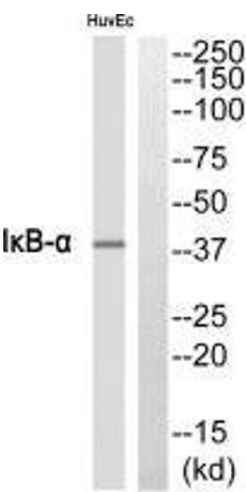
Handling

|                    |                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                |
| Buffer:            | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative:      | Sodium azide                                                                                                                                          |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                |
| Storage:           | -20 °C,-80 °C                                                                                                                                         |

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



**Western Blotting**

**Image 1.** Western blot analysis of extracts from HuvEc cells, using IkB-α antibody.