

## Rabbit NFKBIA Polyclonal Antibody | anti-NFKBIA antibody

Phospho-NFKBIA (Ser32/Ser36) Antibody

|                               |                       |                                        |                                                                                      |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA243289</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

NFKBIA; Polyclonal Antibody; Phospho-NFKBIA (Ser32/Ser36) Antibody; I-kappa-B-alpha; IKBA; NF-kappaB inhibitor alpha; NFKBI; anti-NFKBIA antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                           |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                       |
| Isotype                                          | IgG                                                                                                                                                                                                                                                              |
| Purity/Purification                              | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |
| Form/Format                                      | Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.                                                                                             |
| Applicable Applications for anti-NFKBIA antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                                    |
| Immunogen                                        | Peptide sequence around phosphorylation site of serine 32/36 (H-D-S(p)-G-L-D-S(p)-M-K) derived from Human IκB-α.                                                                                                                                                 |
| Immunogen Species                                | Human                                                                                                                                                                                                                                                            |
| Conjugate                                        | Non-conjugated                                                                                                                                                                                                                                                   |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                                                                                                                      |

### IMAGES



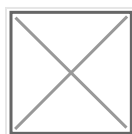
#### IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using IκB-α(Phospho-Ser32/Ser36) Antibody.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IκB-α(Phospho-Ser32/Ser36) Antibody(left) or the same antibody preincubated with blocking peptide(right).



#### WB (Western Blot)

Western blot analysis of extracts from HeLa cells untreated or treated with TNF using IκB-α(Phospho-Ser32/Ser36) Antibody.

ADDITIONAL INFORMATION

|                                                    |                     |
|----------------------------------------------------|---------------------|
| Product Categories/Family for anti-NFKBIA antibody | Signal Transduction |
|----------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 10092619                                                                                                                                                                                          |
| NCBI GeneID                      | 4792                                                                                                                                                                                              |
| NCBI Accession #                 | NP_065390.1                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_020529.2                                                                                                                                                                                       |
| UniProt Accession #              | P25963; B2R8L6                                                                                                                                                                                    |
| Molecular Weight                 | 35,609 Da                                                                                                                                                                                         |
| NCBI Official Full Name          | NF-kappa-B inhibitor alpha                                                                                                                                                                        |
| NCBI Official Synonym Full Names | nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha                                                                                                               |
| NCBI Official Symbol             | NFKBIA                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | IKBA; MAD-3; NFKBI                                                                                                                                                                                |
| NCBI Protein Information         | NF-kappa-B inhibitor alpha; ikB-alpha; IkappaBalph; I-kappa-B-alpha; nuclear factor of kappa light chain gene enhancer in B-cells; major histocompatibility complex enhancer-binding protein MAD3 |
| UniProt Protein Name             | NF-kappa-B inhibitor alpha                                                                                                                                                                        |
| UniProt Gene Name                | NFKBIA                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | IKBA; MAD3; NFKBI; IkB-alpha                                                                                                                                                                      |
| UniProt Entry Name               | IKBA_HUMAN                                                                                                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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