

Rabbit IkappaB-alpha (Phospho-Tyr305) Polyclonal Antibody | anti-NFKBIA antibody

IkappaB-alpha (Phospho-Tyr305) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289645	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

IkappaB-alpha (Phospho-Tyr305); Polyclonal Antibody; IkappaB-alpha (Phospho-Tyr305) Antibody; IkB-a (Phospho-Tyr305) Antibody; NF-kappa-B inhibitor alpha; I-kappa-B-alpha; IkB-alpha; IkappaBalph; Major histocompatibility complex enhancer-binding protein MAD3; NFKBIA; IKBA; MAD3; NFKBI; anti-NFKBIA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	317
Applicable Applications for anti-NFKBIA antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	synthetic peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lymph node tissue using IkappaB-alpha (Phospho-Tyr305) antibody.



WB (Western Blot)

Western blot analysis of extracts from COS7 cells, treated with nocodazole (1ug/ml, 16hours), using IkappaB-alpha (Phospho-Tyr305) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NFKBIA antibody	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers 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.
Product Categories/Family for anti-NFKBIA antibody	Phospho Antibodies

References	Haskill S.,et al.Cell 65:1281-1289(1991). Jungnickel B.,et al.J. Exp. Med. 191:395-402(2000). Liu B.,et al.Submitted (APR-2001) to the EMBL/GenBank/DDBJ databases. Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004).
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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	35609
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
UniProt Protein Name	NF-kappa-B inhibitor alpha
UniProt Gene Name	NFKBIA
UniProt Synonym Gene Names	IKBA; MAD3; NFKBI; IkB-alpha; IkappaBalpha
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.