

IkappaB-alpha Antibody | anti-IKBA antibody

IkappaB-alpha (Phospho-Tyr305) Antibody

CATALOG # AAA109963	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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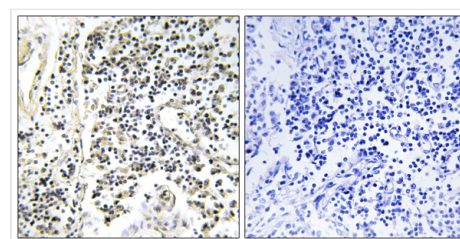
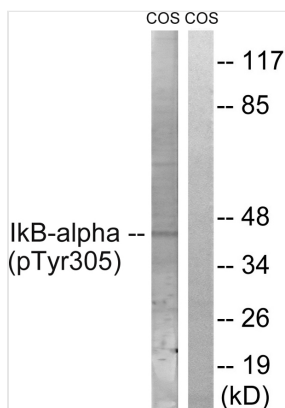
PRODUCT SYNONYMS

IkappaB-alpha; IkappaB-alpha (Phospho-Tyr305) Antibody; I-kappa-B-alpha; IkappaBalpha; MAD3; Major histocompatibility complex enhancer-binding protein MAD3; NF-kappaB inhibitor alpha; NFKBI; NFKBIA; RL/IF-1; anti-IKBA antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	IkappaB-alpha (Phospho-Tyr305) antibody detects endogenous levels of IkappaB-alpha only when phosphorylated at tyrosine 305.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	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-IKBA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IkappaB-alpha around the phosphorylation site of tyrosine 305 (L-P-YP-D-D).
All Sites	Human: Tyr305 Mouse: Tyr302 Rat: Tyr302
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-IKBA antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Haskill S., Cell 65:1281-1289(1991). Jungnickel B., J. Exp. Med. 191:395-402(2000). Ganchi P.A., Mol. Biol. Cell 3:1339-1352(1992).

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	NFKB 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

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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Online datasheet: <https://stage.aaabiotech.com/ikba-human-mouse-rat-antibody/ikappab-alpha/109963>