

IkappaB-alpha Antibody | anti-IKBA antibody

IkappaB-alpha (Ab-42) Antibody

CATALOG # AAA112137	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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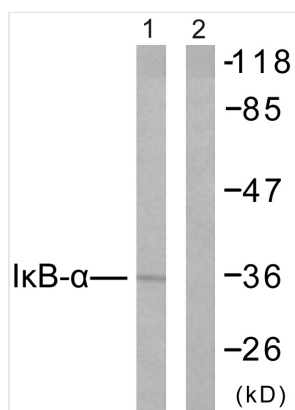
PRODUCT SYNONYMS

IkappaB-alpha; IkappaB-alpha (Ab-42) 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

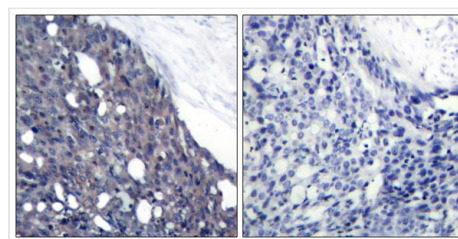
Reactivity	Human, Mouse, Rat
Specificity	IkappaB-alpha (Ab-42) antibody detects endogenous levels of total IkappaB-alpha protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), 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 non-phosphopeptide derived from human IkappaB-alpha around the phosphorylation site of tyrosine 42 (E-E-YP-E-Q).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 293 cells untreated or treated with TNF-alpha (20ng/ml, 30min), using IkappaB-alpha (Ab-42) antibody.



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IkappaB-alpha (Ab-42) 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
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References	Béraud C, et al. (1999) Proc Natl Acad Sci U S A 96(2): 429-434. Sundström S, et al. (2005) J Virol 79(4): 2230-2239. Liu L, et al. (1998) Mol Cell Biol 18(7): 4221-4234. Shrivastava A, et al. (1998) J Virol 72(12): 9722-9728. Franzoso G, et al. (1997) Genes Dev 11(24): 3482-3496.
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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	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; IkappaBalph

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.