

Rabbit IkappaB-alpha Polyclonal Antibody | anti-NFKBIA antibody

IkappaB-alpha (Phospho-Tyr305) Antibody

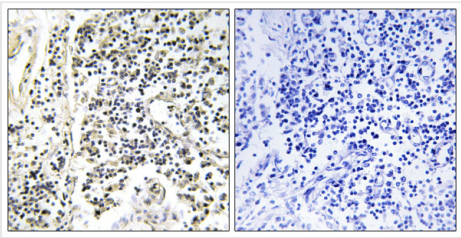
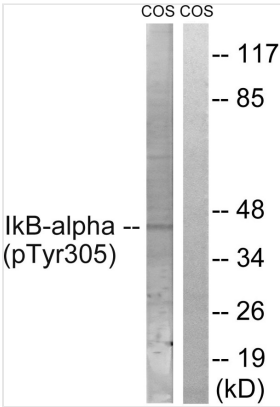
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316401	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	IkappaB-alpha (Phospho-Tyr305) Antibody detects endogenous levels of IkappaB-alpha only when phosphorylated at Tyr305.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
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.
Concentration	1 mg/ml (varies by lot)
Sequence Length	317
Applicable Applications for anti-NFKBIA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y305; M:Y302; R:Y302
Immunogen	The antiserum was produced against synthesized peptide derived from human IkappaB-alpha around the phosphorylation site of Tyr305.
Immunogen Range	268-317
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lymph node, using IkappaB-alpha (Phospho-Tyr305) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from COS7 cells treated with nocodazole 1ug/ml 16h, using IkappaB-alpha (Phospho-Tyr305) Antibody. The lane on the right is blocked with the phospho peptide.

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 kDa
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.