

Rabbit anti-Human IκB alpha Polyclonal Antibody | anti-IKBA, antibody

IκB alpha Polyclonal Antibody

CATALOG # AAA174404	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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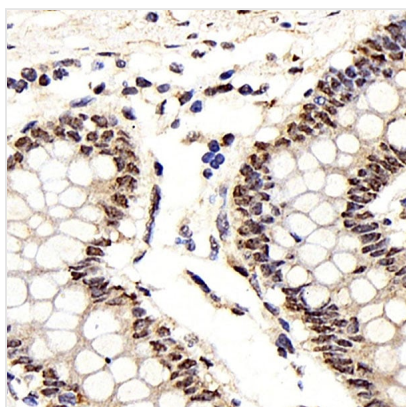
PRODUCT SYNONYMS

IκB alpha; Polyclonal Antibody; IκB alpha Polyclonal Antibody; I kappa B alpha; I-kappa-B-alpha; IkappaBalpα; IκB-α; IKBA; IκBα; MAD 3; MAD3; Major histocompatibility complex enhancer-binding protein MAD3; NF kappa B inhibitor alpha; NF-kappa-B inhibitor alpha; NFKBI; NFKBIA; Nuclear factor of kappa light chain gene enhancer in B cells; Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha; anti-IKBA; antibody

PRODUCT SPECIFICATIONS

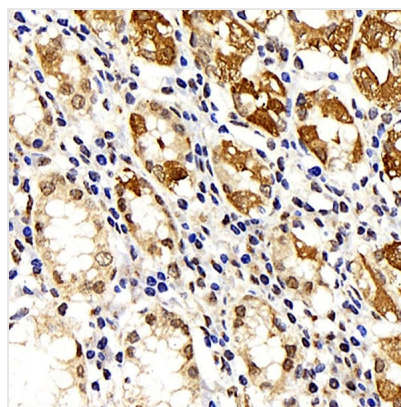
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 μg/ml BSA and 50% glycerol.
Concentration	1.3 mg/mL (varies by lot)
Sequence Length	317
Applicable Applications for anti-IKBA, antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse IκBα
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



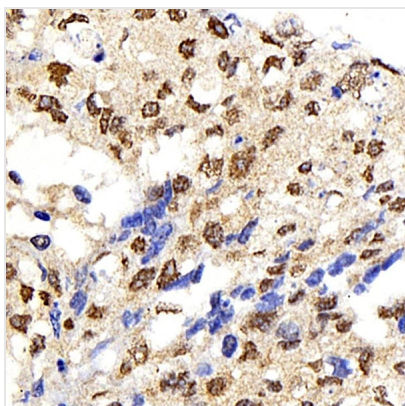
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon cancer using IκB alpha Polyclonal Antibody at dilution of 1:500.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human stomach cancer using IκB alpha Polyclonal Antibody at dilution of 1:500.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer using IκB alpha Polyclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-IKBA, antibody	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha (NFKBIA, synonyms: IKBA, MAD-3, NFKBI). NFKB1 or NFKB2 is bound to REL, RELA, or RELB to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA or NFKBIB), which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, or IKBKB) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime.
Product Categories/Family for anti-IKBA, antibody	Cancer ; Epigenetics and Nuclear Signaling ; Immunology ; 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	NFKB inhibitor alpha
NCBI Official Symbol	NFKBIA
NCBI Official Synonym Symbols	IKBA; MAD-3; NFKBI; EDAID2
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; IκB-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.