

Rabbit IkappaBalpha Polyclonal Antibody | anti-IkappaBalpha antibody

IkappaBalpha Rabbit pAb

CATALOG # AAA281718	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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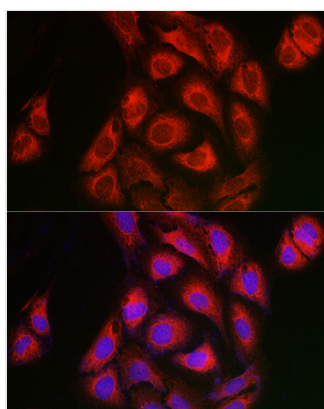
PRODUCT SYNONYMS

IkappaBalpha; Polyclonal Antibody; IkappaBalpha Rabbit pAb; IKBA; MAD-3; NFKBI; IKB alpha; NFKBIA; EDAID2; anti-IkappaBalpha antibody

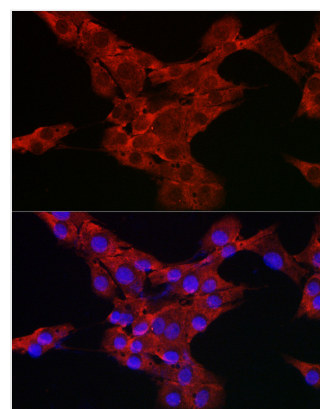
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-IkappaBalpha antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human IkappaBalpha.
Cellular Location	Cytoplasm, Nucleus
Positive Samples	MCF7, NIH/3T3, Mouse thymus, Rat liver
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

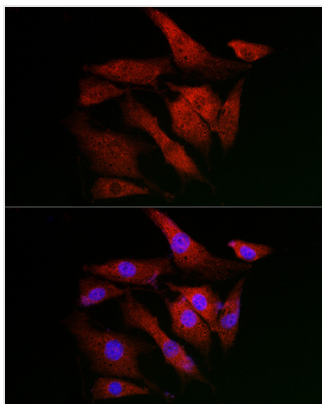


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using $\text{I}\kappa\text{B}\alpha$ Rabbit pAb at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.


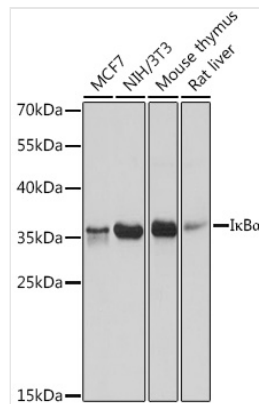
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using $\text{I}\kappa\text{B}\alpha$ Rabbit pAb at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using I κ B α Rabbit pAb at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using I κ B α antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-IkappaBalpha antibody	Background: This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease.
Product Categories/Family for anti-IkappaBalpha antibody	Epigenetics & Nuclear Signaling ; Transcription Factors ; Research ; Protein phosphorylation ; Research ; Signal Transduction ; MAPK-Erk Signaling Pathway ; Research ; Cell Biology & Developmental Biology ; Apoptosis ; Inhibition of Apoptosis ; Research ; Cell Biolog

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	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; ikB-alpha; IkappaBalpha; I-kappa-B-alpha; nuclear factor of kappa light chain gene enhancer in B-cells; major histocompatibility complex enhancer-binding protein MAD3
UniProt Protein Name	NF-kappa-B inhibitor alpha
UniProt Gene Name	NFKBIA
UniProt Synonym Gene Names	IKBA; MAD3; NFKBI; IkB-alpha
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikappabalpha-antibody-immunofluorescence-western-blot-elisa/281718>