

Rabbit IKB alpha Polyclonal Antibody | anti-IKBalpha antibody

Rabbit anti-IKB alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224099	Rabbit	Human, Mouse, Bovine, Monkey, Pig, Sheep	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

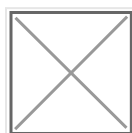
PRODUCT SYNONYMS

IKB alpha; Polyclonal Antibody; Rabbit anti-IKB alpha Antibody; IKBA; MAD3; NFKBI; NF-kappa-B inhibitor alpha; I-kappa-B-alpha; Ikb-alpha; IkappaBalpa; Major histocompatibility complex enhancer-binding protein MAD3; anti-IKBalpha antibody

PRODUCT SPECIFICATIONS

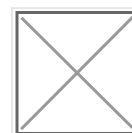
Host	Rabbit
Reactivity	Human, Mouse, Bovine, Monkey, Pig, Sheep
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IKBalpha antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IKB alpha. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of NFYA staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of NFYA staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of NFYA expression in A431 (A), K562 (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IKBalpha antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505389
NCBI GeneID	4800
NCBI Accession #	NP_002496.1
NCBI GenBank Nucleotide #	NM_002505.4
UniProt Accession #	P23511; P23708; P18576
Molecular Weight	36,877 Da
NCBI Official Full Name	nuclear transcription factor Y subunit alpha isoform 1
NCBI Official Synonym Full Names	nuclear transcription factor Y, alpha
NCBI Official Symbol	NFYA
NCBI Official Synonym Symbols	HAP2; CBF-A; CBF-B; NF-YA
NCBI Protein Information	nuclear transcription factor Y subunit alpha; HAP2 CCAAT-binding protein; Transcription factor NF-Y, A subunit; CAAT box DNA-binding protein subunit A; CAAT-box DNA binding protein subunit A; nuclear transcription factor Y subunit A; CCAAT-binding transcr
UniProt Protein Name	Nuclear transcription factor Y subunit alpha
UniProt Gene Name	NFYA
UniProt Synonym Gene Names	NF-YA
UniProt Entry Name	NFYA_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/ikb-alpha-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/224099>