

Rabbit anti-Human IKBKB Polyclonal Antibody | anti-**IKBKB** antibody

IKBKB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302874	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

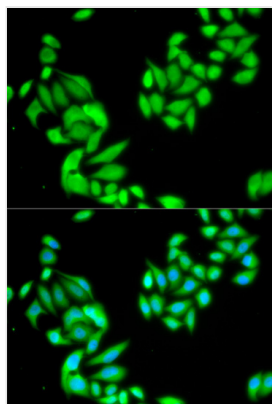
PRODUCT SYNONYMS

IKBKB; Polyclonal Antibody; IKBKB Antibody; FLJ40509; IKK-beta; IKK2; IKKB; MGC131801; anti-**IKBKB** antibody

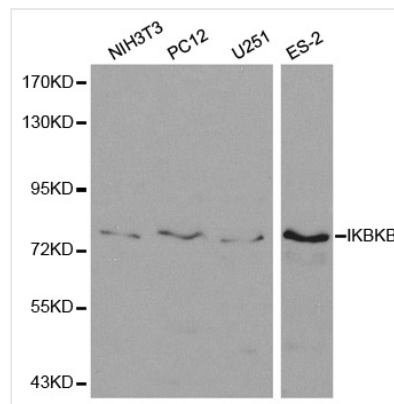
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total IKBKB protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	754
Applicable Applications for anti- IKBKB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human IKBKB.
Target Name	IKBKB
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using IKBKB antibody. Blue: DAPI for nuclear staining


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using IKBKB antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IKBKB antibody	The NF-kB/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory IκB proteins (1-3). Most agents that activate NF-kB do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of IκB (3-7). The key regulatory step in this pathway involves activation of a high molecular weight IκB kinase (IKK) complex whose catalysis is generally carried out by three tightly associated IKK subunits. IKKα and IKKβ serve as the catalytic subunits of the kinase and IKKγ serves as the regulatory subunit (8,9). Activation of IKK depends upon phosphorylation at Ser177 and Ser181 in the activation loop of IKKβ (Ser176 and Ser180 in IKKα), which causes conformational changes, resulting in kinase activation (10-13).
Product Categories/Family for anti-IKBKB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	299758411
NCBI GeneID	3551
NCBI Accession #	NP_001177649.1
NCBI GenBank Nucleotide #	NM_001190720.2
UniProt Accession #	O14920; O75327; B4DZ30; B4E0U4
Molecular Weight	79,509 Da
NCBI Official Full Name	inhibitor of nuclear factor kappa-B kinase subunit beta isoform 2
NCBI Official Synonym Full Names	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
NCBI Official Symbol	IKBKB
NCBI Official Synonym Symbols	IKK2; IKKB; IMD15; NFKB1KB; IKK-beta
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit beta
UniProt Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit beta
UniProt Gene Name	IKBKB
UniProt Synonym Gene Names	IKKB; I-kappa-B-kinase beta; IKK-B; IKK-beta; IκBKB; IKK2; NFKB1KB
UniProt Entry Name	IKKB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikbkb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302874>