

Rabbit anti-Human IKK beta Polyclonal Antibody | anti-IKBKB antibody

IKK beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284508	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Immunofluorescence

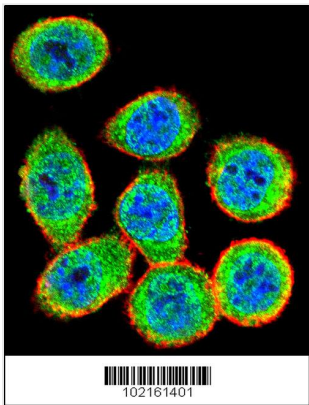
PRODUCT SYNONYMS

IKK beta; Polyclonal Antibody; IKK beta Antibody; Inhibitor of nuclear factor kappa-B kinase subunit beta; I-kappa-B-kinase beta; IKK-B; IKK-beta; Ikbkb; I-kappa-B kinase 2; IKK2; Nuclear factor NF-kappa-B inhibitor kinase beta; NFKB1KB; IKBKB; IKKB; anti-IKBKB antibody

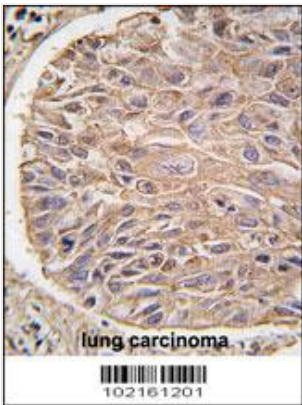
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IKK beta antibody is generated from rabbits immunized with recombinant human IKK beta (full length sequence).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Length	697
Applicable Applications for anti-IKBKB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

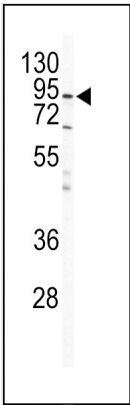
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of IKK beta Antibody with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with IKK beta antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-IKK beta Antibody in Hela cell line lysates (35ug/lane). IKK beta(arrow) was detected using the purified Pa).

ADDITIONAL INFORMATION

Related Product Information for anti-IKBKB antibody	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor.
Product Categories/Family for anti-IKBKB antibody	Cardiovascular; Cell Biology; Immunology; Signal Transduction
References	Tang, E.D., et al., J. Biol. Chem. 278(40):38566-38570 (2003). Sakurai, H., et al., J. Biol. Chem. 278(38):36916-36923 (2003). Ebner, K., et al., Blood 102(1):192-199 (2003). Carter, R.S., et al., J. Biol. Chem. 278(22):19642-19648 (2003). Huang, W.C., et al., J. Biol. Chem. 278(11):9944-9952 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	299758411
NCBI GeneID	3551
NCBI Accession #	NP_001177649.1; NP_001229707.1; NP_001547.1
NCBI GenBank Nucleotide #	NM_001190720.2

UniProt Accession #	O14920 ; O75327 ; B4DZ30 ; B4E0U4
Molecular Weight	86564
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; IkBKB; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikk-beta-antibody-immunohistochemistry-western-blot-immunofluorescence-elisa/284508>