

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

IKK beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39811	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

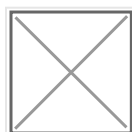
PRODUCT SYNONYMS

IKK beta; Polyclonal Antibody; IKK beta Antibody; IKK2; IKKB; IMD15; NFKB1KB; IKK-beta; Inhibitor of nuclear factor kappa-B kinase subunit beta; I-kappa-B kinase 2; I-kappa-B-kinase beta; inhibitor of kappa light polypeptide gene enhancer in B-cells; kinase beta; anti-IKBKB antibody

PRODUCT SPECIFICATIONS

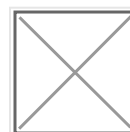
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This polyclonal antibody has no cross response to IKKa or IKKy.
Purity/Purification	IKK beta Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	756
Applicable Applications for anti-IKBKB antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IKK beta antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human IKK beta (Genbank accession NoO14920), which differs from corresponding murine sequence by one amino acid.
Buffer	IKK beta Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IKK beta antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



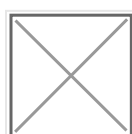
IF (Immunofluorescence)

Immunofluorescence of IKK beta in HeLa cells with IKK beta antibody at 10 &#956;g/mL.



ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells using IKK beta antibody at 10 &#956;g/mL.



WB (Western Blot)

Western blot analysis of IKK beta in Jurkat whole cell lysate with IKK beta antibody (C3) at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IKBKB antibody	IKK beta Antibody: Nuclear factor kappa B (NF-?B) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF-?B mediates the expression of a great variety of genes in response to extracellular stimuli including IL-1, TNF?, and bacteria product LPS. NF-?B is associated with I?B proteins in the cell cytoplasm, which inhibit NF-?B activity. The long-sought I?B kinase (IKK), which phosphorylates I?B, and mediates I?B degradation and NF-?B activation, was recently identified by several laboratories. IKK is a serine protein kinase, and the IKK complex contains alpha and beta subunits (IKK? and IKK?). IKK? and IKK? interact with each other and both are essential for NF-?B activation. IKK? phosphorylates both I?B-alpha and I?B-beta. IKK? is expressed in variety of human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14285497
NCBI GeneID	3551
UniProt Accession #	O14920; O75327; B4DZ30; B4E0U4
Molecular Weight	87 kDa
NCBI Official Full Name	Inhibitor of nuclear factor kappa-B kinase subunit beta
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; NFKBIKB; IKK-beta
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit beta; IKK-B; I-kappa-B kinase 2; I-kappa-B-kinase beta; nuclear factor NF-kappa-B inhibitor kinase 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; NFKBIKB
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-immunofluorescence-immunocytochemistry-western-blot-elisa/39811>