

Rabbit Inhibitor of nuclear factor kappa-B kinase subunit beta Polyclonal Antibody | anti-IKBKB antibody

Anti-IKK beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46042	Rabbit	Human. No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

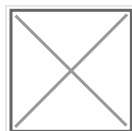
PRODUCT SYNONYMS

Inhibitor of nuclear factor kappa-B kinase subunit beta; Polyclonal Antibody; Anti-IKK beta Antibody; I kappa B kinase 2 antibody; I kappa B kinase beta antibody; I-kappa-B kinase 2 antibody; I-kappa-B-kinase beta antibody; Ikbkb antibody; IKK 2 antibody; IKK B antibody; IKK beta antibody; IKK-B antibody; IKK-beta antibody; IKK2 antibody; IKKB antibody; IKKB_HUMAN antibody; IMD15 antibody; Inhibitor of kappa light chain gene enhancer in B cells antibody; Inhibitor of kappa light polypeptide gene enhancer in B cells antibody; Inhibitor of kappa light polypeptide gene enhancer in B cells kinase beta antibody; Inhibitor of kappa light polypeptide gene enhancer in B cells; kinase beta antibody; Inhibitor of nuclear factor kappa B kinase beta subunit antibody; Inhibitor of nuclear factor kappa B kinase subunit beta antibody; Inhibitor of nuclear factor kappa-B kinase subunit beta antibody; MGC131801 antibody; NFKB1KB antibody; Nuclear factor NF kappa B inhibitor kinase beta antibody; Nuclear factor NF-kappa-B inhibitor kinase beta antibody; Nuclear factor of kappa light chain gene enhancer in B cells inhibitor antibody; inhibitor of kappa light polypeptide gene enhancer in B-cells; kinase beta; anti-IKBKB antibody

PRODUCT SPECIFICATIONS

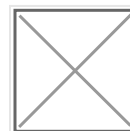
Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	754
Applicable Applications for anti-IKBKB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human IKK beta recombinant protein (Position: E398-S756). Human IKK beta shares 91% and 90% amino acid (aa) sequences identity with mouse and rat IKK beta, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti- IKK beta antibody, AAA46042, Western blottingAll lanes: Anti IKK beta (AAA46042) at 0.5ug/mlWB: Recombinant Human IKK beta Protein 0.5ngPredicted bind size: 43KD
Observed bind size: 43KD



IHC (Immunohiostchemistry)

Anti- IKK beta antibody, AAA46042,IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti- IKK beta antibody, AAA46042, Western blottingAll lanes: Anti IKK beta (AAA46042) at 0.5ug/mlLane 1: HEPG2 Whole Cell Lysate at 40ugLane 2: COLO320 Whole Cell Lysate at 40ugLane 3: M231 Whole Cell Lysate at 40ugLane 4: HT1080 Whole Cell Lysate at 40ugPredicted bind size: 87KDObserved bind size: 87KD

ADDITIONAL INFORMATION

Related Product Information for anti-IKBKB antibody	<p>Description: Rabbit IgG polyclonal antibody for Inhibitor of nuclear factor kappa-B kinase subunit beta(IKBKB) detection. Tested with WB, IHC-P in Human.</p> <p>Background: IKBKB(Inhibitor of Kappa Light Chain Gene Enhancer in B Cells, Kinase of, Beta), also known as IKKB or NFKB1KB, is a protein that in humans is encoded by the IKBKB gene. This gene is mapped to chromosome 8p12-p11 by FISH. It is found that mutations in IKK2 had a more pronounced effect upon NFKB activation than did comparable mutations in IKK1. The activity of various antiinflammatory agents on the IKK complex has been texted, it has been found that aspirin and sodium salicylate specifically inhibit IKK-beta activity in vitro and in vivo by binding to IKK-beta to reduce ATP binding.</p>
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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; 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; 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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