

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

Rabbit anti-IKK-beta Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211646	Rabbit	Human	Immunoprecipitation, Western Blot

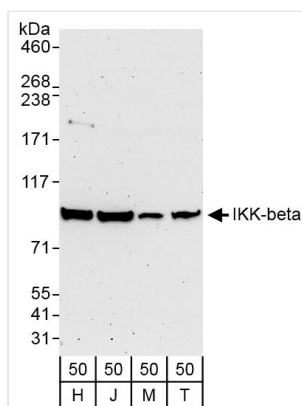
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

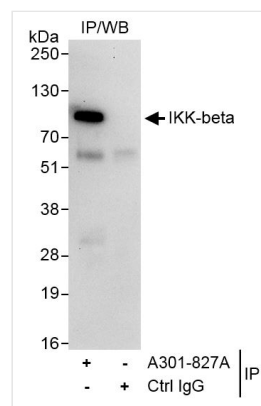
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-IKK-beta antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 706 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human IKK-beta by western blot. Samples: Whole cell lysate from HeLa (H; 50 ug), Jurkat (J; 50 ug), MCF-7 (M; 50 ug), and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-IKK-beta antibody AAA211646 (lot AAA211646-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure times of 3 minute.



IP (Immunoprecipitation)

Detection of human IKK-beta by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-IKK-beta antibody AAA211646 (lot AAA211646-1) used for IP at 3 ug/mg lysate. For blotting immunoprecipitated IKK-beta, AAA211646 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-IKK-beta antibody	IKK-beta (Inhibitor of nuclear factor kappa B kinase subunit beta) is one of three subunits that comprise the IKK complex. The IKK complex consists of two catalytic subunits, IKK-alpha and IKK-beta, and a regulatory subunit IKK-gamma/NEMO. As a kinase, IKK functions to phosphorylate members of the NF-kappa B inhibitor proteins, the I-kappa B proteins. Phosphorylation of I-kappa B proteins results in the ubiquitination and degradation of I kappa B and the release and translocation of the NF-kappa B transcription factor to the nucleus where it may function to activate a vast number of genes.
Product Categories/Family for anti-IKK-beta antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	41352712
NCBI GeneID	3551
NCBI Accession #	NP_001547.1
NCBI GenBank Nucleotide #	NM_001556.2
UniProt Accession #	O14920; O75327; B4DZ30; B4E0U4
Molecular Weight	86,564 Da
NCBI Official Full Name	inhibitor of nuclear factor kappa-B kinase subunit beta isoform 1
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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikk-beta-antibody-immunoprecipitation-western-blot-elisa/211646>