

Rabbit IKK alpha/beta Polyclonal Antibody | anti-CHUK antibody

Phospho-IKK alpha/beta (Ser180/181) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321432	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

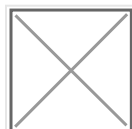
PRODUCT SYNONYMS

IKK alpha/beta; Polyclonal Antibody; Phospho-IKK alpha/beta (Ser180/181) Antibody; chuk; CHUK1; Conserved Helix Loop Helix Ubiquitous Kinase; Conserved helix loop ubiquitous kinase; Conserved helix-loop-helix ubiquitous kinase; I Kappa B Kinase 1; I Kappa B Kinase Alpha; I-kappa-B kinase 1; I-kappa-B kinase alpha; IkappaB kinase; Ikb kinase alpha subunit; IkbKA; IKK 1; IKK A; IKK a kinase; IKK-A; IKK-alpha; IKK1; IKKA; IKKA_HUMAN; Inhibitor Of Kappa Light Polypeptide Gene Enhancer In B Cells; Inhibitor Of Nuclear Factor Kappa B Kinase Alpha Subunit; Inhibitor of nuclear factor kappa-B kinase subunit alpha; NFKBIKA; Nuclear Factor Kappa B Inhibitor Kinase Alpha; Nuclear factor NF kappa B inhibitor kinase alpha; Nuclear factor NF-kappa-B inhibitor kinase alpha; Nuclear factor NFkappaB inhibitor kinase alpha; Nuclear Factor Of Kappa Light Chain Gene Enhancer In B Cells Inhibitor; TCF-16; TCF16; Transcription factor 16; I kappa B kinase 2; I kappa B kinase beta; I-kappa-B kinase 2; I-kappa-B-kinase beta; IkbKB; IKK beta; IKK-B; IKK-beta; IKK2; IKKB; IKKB_HUMAN; IMD15; Inhibitor of kappa light polypeptide gene enhancer in B cells; kinase beta; Inhibitor of nuclear factor kappa-B kinase subunit beta; NFKBIKB; Nuclear factor NF-kappa-B inhibitor kinase beta; anti-CHUK antibody

PRODUCT SPECIFICATIONS

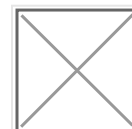
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-IKK-alpha/beta (Ser180/181) antibody detects endogenous levels of IKK-alpha/beta only when phosphorylated at Serine 180/181
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	745
Applicable Applications for anti-CHUK antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IKK-alpha/beta around the phosphorylation site of Serine 180/181.
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

AAA321432 at 1/100 staining Human normal tissues adjacent to mammary cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of Phospho-IKK alpha/ beta (Ser180/181) Antibody expression in TNF treated HepG2 cells lysates. The lane on the right was treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321432 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CHUK antibody	IKK-beta a kinase of the IKK family. Phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Preferentially found as a heterodimer with IKK-alpha but also as an homodimer.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62241001
NCBI GeneID	1147
NCBI Accession #	NP_001269.3
NCBI GenBank Nucleotide #	NM_001278.4
UniProt Accession #	O15111; O14666; Q13132; Q5W0I4; Q92467
Molecular Weight	Observed: 85 kDa Predicted: 85 kDa
NCBI Official Full Name	inhibitor of nuclear factor kappa-B kinase subunit alpha isoform 1
NCBI Official Synonym Full Names	conserved helix-loop-helix ubiquitous kinase
NCBI Official Symbol	CHUK
NCBI Official Synonym Symbols	IKK1; IKKA; IKBKA; TCF16; NFKBIKA; IKK-alpha
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit alpha
UniProt Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit alpha
UniProt Gene Name	CHUK
UniProt Synonym Gene Names	IKKA; TCF16; I-kappa-B kinase alpha; IKK-A; IKK-alpha; IkbKA; IkappaB kinase; IKK1; NFKBIKA; TCF-16

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-alpha-beta-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321432>