

Rabbit anti-Human IKK alpha Polyclonal Antibody | anti-CHUK antibody

IKK alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39891	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

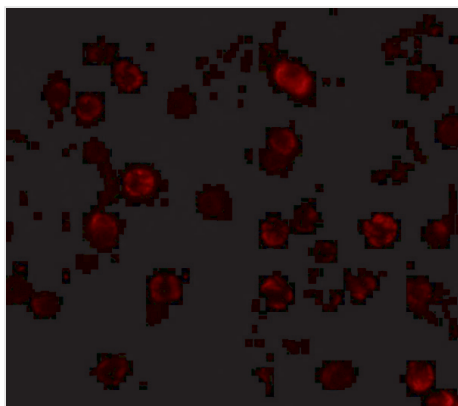
PRODUCT SYNONYMS

IKK alpha; Polyclonal Antibody; IKK alpha Antibody; IKK1; IKKA; IKBKA; TCF16; NFKB1A; IKK-alpha; Inhibitor of nuclear factor kappa-B kinase subunit alpha; Conserved helix-loop-helix ubiquitous kinase; I-kappa-B kinase alpha; conserved helix-loop-helix ubiquitous kinase; anti-CHUK antibody

PRODUCT SPECIFICATIONS

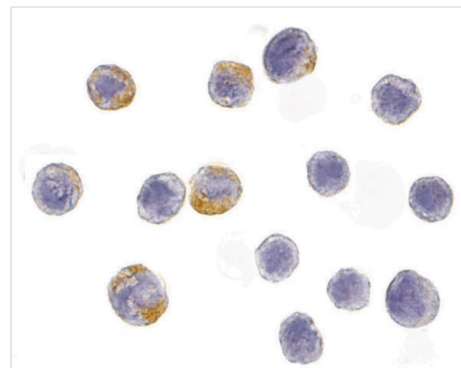
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This polyclonal antibody has no cross response to IKKb or IKKy.
Purity/Purification	IKK alpha Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	2273
Applicable Applications for anti-CHUK antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IKK alpha antibody was raised against a 17 amino acid peptide near the carboxy terminus of human IKK alpha.
Buffer	IKK alpha Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IKK alpha 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



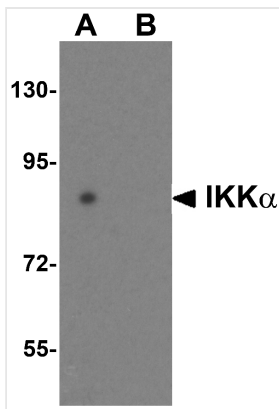
IF (Immunofluorescence)

Immunofluorescence of IKKa in HeLa cells with IKKa antibody at 2 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of IKK alpha in HeLa cells with IKK alpha antibody at 10 μg/mL.



WB (Western Blot)

Western blot analysis of IKK alpha in HeLa cell lysate with IKK alpha antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CHUK antibody

IKK alpha 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 the NF-?B activation. IKK? specifically phosphorylates I?B-alpha. IKK? is expressed in a variety of human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2327068
NCBI GeneID	1147
UniProt Accession #	O15111; O14666; Q13132; Q5W0I4; Q92467
Molecular Weight	85 kDa
NCBI Official Full Name	Homo sapiens Ikb kinase alpha subunit (IKK alpha) mRNA, complete cds
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; TCF-16; IKK-a kinase; I-kappa-B kinase 1; I-kappa-B kinase-alpha; transcription factor 16; Ikb kinase alpha subunit; Nuclear factor NFkappaB inhibitor kinase 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
UniProt Entry Name	IKKA_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-alpha-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39891>