

Rabbit IKK alpha Polyclonal Antibody | anti-CHUK antibody

Anti-IKK alpha Antibody

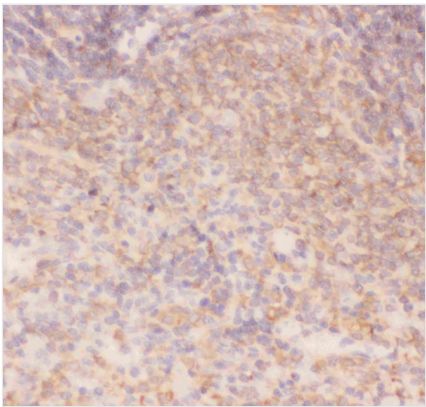
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45627	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

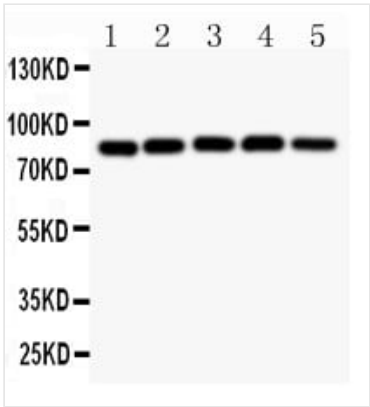
IKK alpha; Polyclonal Antibody; Anti-IKK alpha Antibody; Inhibitor of nuclear factor kappa-B kinase subunit alpha; conserved helix-loop-helix ubiquitous kinase; chuk antibody; CHUK1 antibody; Conserved Helix Loop Helix Ubiquitous Kinase antibody; Conserved helix loop ubiquitous kinase antibody; Conserved helix-loop-helix ubiquitous kinase antibody; I Kappa B Kinase 1 antibody; I Kappa B Kinase Alpha antibody; I-kappa-B kinase 1 antibody; I-kappa-B kinase alpha antibody; IkappaB kinase antibody; Ikb kinase alpha subunit antibody; IKBKA antibody; IKK 1 antibody; IKK A antibody; IKK a kinase antibody; IKK-A antibody; IKK-alpha antibody; IKK1 antibody; IKKA antibody; IKKA_HUMAN antibody; Inhibitor Of Kappa Light Polypeptide Gene Enhancer In B Cells antibody; Inhibitor Of Nuclear Factor Kappa B Kinase Alpha Subunit antibody; Inhibitor of nuclear factor kappa-B kinase subunit alpha antibody; NFKBIKA antibody; Nuclear Factor Kappa B Inhibitor Kinase Alpha antibody; Nuclear factor NF kappa B inhibitor kinase alpha antibody; Nuclear factor NF-kappa-B inhibitor kinase alpha antibody; Nuclear factor NFkappaB inhibitor kinase alpha antibody; Nuclear Factor Of Kappa Light Chain Gene Enhancer In B Cells Inhibitor antibody; TCF-16 antibody; TCF16 antibody; Transcription factor 16 antibody; anti-CHUK antibody

PRODUCT SPECIFICATIONS

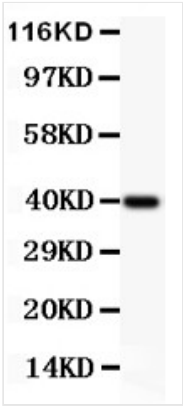
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	745
Applicable Applications for anti-CHUK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human IKK alpha recombinant protein (Position: V411-E745). Human IKK alpha shares 98% amino acid (aa) sequence identity with mouse IKK alpha.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
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.



IHC (Immunohistochemisry)
Anti-IKK alpha Picoband antibody, AAA45627-3.JPGIHC(P): Rat Spleen Tissue



Application Data
Anti-IKK alpha Picoband antibody, AAA45627-2.jpgAll lanes: Anti IKKA (AAA45627) at 0.5ug/mlLane 1: MCF-7 Whole Cell Lysate at 40ugLane 2: SGC Whole Cell Lysate at 40ugLane 3: PANC Whole Cell Lysate at 40ugLane 4: HELA Whole Cell Lysate at 40ugLane 5: Mouse Cardiac Muscle Tissue Lysate at 50ugPredicted bind size: 85KDObserved bind size: 85KD



Application Data
Anti-IKK alpha Picoband antibody, AAA45627-1.jpgAll lanes: Anti IKKA (AAA45627) at 0.5ug/mlWB: Recombinant Human IKKA Protein 0.5ngPredicted bind size: 40KDObserved bind size: 40KD

ADDITIONAL INFORMATION

Related Product Information for anti-CHUK antibody	Description: Rabbit IgG polyclonal antibody for Inhibitor of nuclear factor kappa-B kinase subunit alpha(CHUK) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: IKKA, also known as conserved helix-loop-helix ubiquitous kinase (CHUK) or IKBKA, is a protein kinase that in humans is encoded by the CHUK gene. It is mapped to 10q24.31. This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor. IKKA is part of the IkappaB kinase complex that plays an important role in regulating the NF-kappaB transcription factor. However, IKKA also has many additional cellular targets, and is thought to function independently of the NF-kappaB pathway to regulate epidermal differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373368
NCBI GeneID	1147
UniProt Accession #	O15111; O14666; Q13132; Q5W0I4; Q92467
Molecular Weight	84,640 Da

NCBI Official Full Name	Inhibitor of nuclear factor kappa-B kinase subunit alpha
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikk-alpha-antibody-immunohistochemistry-western-blot-elisa/45627>