

Mouse CHUK Monoclonal Antibody | anti-CHUK antibody

CHUK antibody

CATALOG # AAA106246	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

CHUK; Monoclonal Antibody; CHUK antibody; Monoclonal CHUK; Anti-CHUK; Conserved helix-loop-helix ubiquitous kinase; anti-CHUK antibody

PRODUCT SPECIFICATIONS

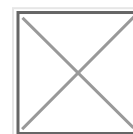
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3G12H9
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	714
Applicable Applications for anti-CHUK antibody	WB (Western Blot), IF (Immunofluorescence), ELISA
Biological Significance	CHUK is a member of the serine/threonine protein kinase family, CHUK is 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 ubiquitination pathway, thereby activating the transcription factor.
Cross-Reactivity	Human
Immunogen	CHUK antibody was raised in Mouse using a purified recombinant fragment of human CHUK expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using CHUK antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Western Blot showing CHUK antibody used against Raji (1), Jurkat (2), THP-1 (3) and K562 (4) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CHUK antibody	Mouse monoclonal CHUK antibody
Product Categories/Family for anti-CHUK antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	1589738
NCBI GeneID	1147
UniProt Accession #	O15111; O14666; Q13132; Q5W0I4; Q92467
Molecular Weight	84,640 Da
NCBI Official Full Name	CHUK, partial
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
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/monoclonal/chuk-antibody-clone-3g12h9-western-blot-immunofluorescence-elisa/106246>