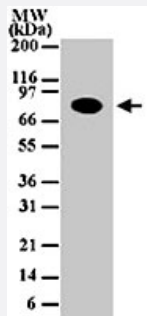


CHUK monoclonal antibody, clone 14A231

Catalog # MAB0052

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of 30 ug of total cell lysate from Daudi cells with CHUK monoclonal antibody, clone 14A231 (Cat # MAB0052) at 1 ug/mL dilution.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant CHUK.
Immunogen	Recombinant His fusion protein corresponding to full length human CHUK.
Host	Mouse
Reactivity	Human, Monkey, Mouse
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of 30 ug of total cell lysate from Daudi cells with CHUK monoclonal antibody, clone 14A231 (Cat # MAB0052) at 1 ug/mL dilution.

- Immunoprecipitation

Gene Info — CHUK

Entrez GeneID [1147](#)

Gene Name CHUK

Gene Alias IKBKA, IKK-alpha, IKK1, IKKA, NFKB1A, TCF16

Gene Description conserved helix-loop-helix ubiquitous kinase

Omim ID [600664](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 ubiquitination pathway, thereby activating the transcription factor. [provided by RefSeq]

Other Designations I-kappa-B kinase 1|I-kappa-B kinase-alpha|IKK-a kinase|IKB kinase alpha subunit|Nuclear factor NFkappaB inhibitor kinase alpha|OTTHUMP00000020273|conserved helix-loop ubiquitous kinase

Publication Reference

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Application: IP, KA, WB-Ce, WB-Tr, Mouse, Mouse thymocytes

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Application: WB-Tr, Human, 1.3E2, 70Z/3 cells

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Application: KA, IP, WB-Ce, Human, H-RS, MT-2 cells

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Application: WB-Tr, Mouse, Mouse primary osteoblasts

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Application: KA, WB-Ce, Mouse, MEFs

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Application: WB, Human, H1299 cells

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Application: WB, Human, H1299 cells

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Application: WB, Mouse, MEFs

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Application: WB-Tr, Human, Human cardiac microvascular endothelial cells

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Application: IP, WB, Human, HEK 293 cells

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Application: IP, WB-Tr, Rat, 5R, Rat-1 cells

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Application: IP, KA, WB-Ce, Human, Jurkat cells

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Application: KA, WB-Ti, WB-Tr, Mouse, Mouse enterocytes, Mouse intestinal epithelial cells, Mouse lungs

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Application: WB-Ce, Human, KBM-5 cells

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Application: WB-Tr, Rat, Rat-2 fibroblasts

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Application: IP, KA, WB-Ce, WB-Tr, Human, Mouse, HEK 293T cells, MEFs

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Application: KA, WB-Ce, Human, U-937 cells

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Application: IP, KA, WB-Ce, WB-Tr, Mouse, Human fibroblasts, MEFs, Mouse fibroblasts

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Application: WB-Tr, Mouse, 1.3E2, 70Z/3 cells

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Application: WB-Ti, Mouse, Mammary glands

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Application: WB-Ce, WB-Tr, Human, Yeast, HeLa cells, Saccharomyces cerevisiae

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Koul D, Yao Y, Abbruzzese JL, Yung WK, Reddy SA.

The Journal of Biological Chemistry 2001 Apr; 276(14):11402.

Application: WB-Ce, Human, U251, U251(MMAC) cells

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Journal of Immunology 2000 Nov; 165(9):4927.

Application: IP, KA, WB-Ce, Human, Jurkat cells

Pathway

- [Acute myeloid leukemia](#)
- [Adipocytokine signaling pathway](#)

- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [MAPK signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Edema](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypertension](#)
- [Infant](#)
- [Intracranial Hemorrhages](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)