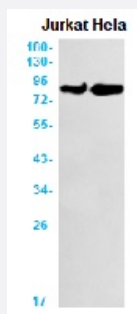


RecomAb™

CHUK recombinant monoclonal antibody, clone R03-1E7

Catalog # RAB01683 Size 100 uL

Applications



Western Blot

Western blot analysis of IKK alpha in Jurkat, HeLa lysates using human IKK alpha recombinant monoclonal antibody, clone R03-1E7 (Cat # RAB01683).

Specification

Product Description Rabbit recombinant monoclonal antibody raised against synthetic peptide of human IKK alpha.

Antibody Species Rabbit

Immunogen Original antibody is raised against a synthetic peptide corresponding to human IKK alpha

Theoretical MW (kDa) Calculated MW: 85 kD

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage Immunoprecipitation (1:20)
Western Blot (1:500-1:1,000)
The optimal working dilution should be determined by the end user.

Storage Buffer In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. 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

Western blot analysis of IKK alpha in Jurkat, Hela lysates using human IKK alpha recombinant monoclonal antibody, clone R03-1E7 (Cat # RAB01683).

- Immunoprecipitation

Gene Info — CHUK

Entrez GeneID[1147](#)**Protein Accession#**[O15111](#)**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

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](#)