

Datasheet for ABIN969055
anti-IKK alpha antibody



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1 Image 1 Publication

Overview

Quantity:	100 µL
Target:	IKK alpha (CHUK)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IKK alpha antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CHUK Antibody
Immunogen:	Purified recombinant fragment of human CHUK expressed in E. Coli.
Clone:	3G12
Isotype:	IgG1
Purification:	Ascitic fluid

Target Details

Target:	IKK alpha (CHUK)
Alternative Name:	CHUK (CHUK Products)
Background:	Description: 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

Target Details

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.

Aliases: IKK1, IKKA, IKBKA, TCF16, NFKB1A, IKK-alpha, CHUK

Molecular Weight: 85kDa

Gene ID: 1147

HGNC: 1147

UniProt: [O15111](#)

Pathways: [PI3K-Akt Signaling](#), [NF-kappaB Signaling](#), [RTK Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#), [Ubiquitin Proteasome Pathway](#), [S100 Proteins](#)

Application Details

Application Notes: ELISA: 1/10000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

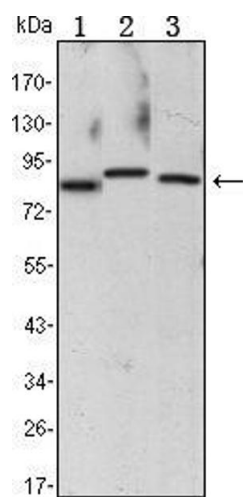
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Publications

Product cited in: Wu, Jan, Tsay, Yu, Huang, Lin, Liu, Chen, Lo, Yu: "Elimination of head and neck cancer initiating cells through targeting glucose regulated protein78 signaling." in: **Molecular cancer**, Vol. 9, pp. 283, (2010) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using CHUK mouse mAb against Raji (1), Jurkat (2) and THP-1 (3) cell lysate.