

Datasheet for ABIN7160058
anti-MAP3K8 antibody (AA 1-300) (Biotin)



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Overview

Quantity:	100 µg
Target:	MAP3K8
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K8 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Mitogen-activated protein kinase kinase kinase 8 protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MAP3K8
Alternative Name:	MAP3K8 (MAP3K8 Products)
Background:	Background: Required for lipopolysaccharide (LPS)-induced, TLR4-mediated activation of the MAPK/ERK pathway in macrophages, thus being critical for production of the proinflammatory

Target Details

cytokine TNF-alpha (TNF) during immune responses. Involved in the regulation of T-helper cell differentiation and IFNG expression in T-cells. Involved in mediating host resistance to bacterial infection through negative regulation of type I interferon (IFN) production. In vitro, activates MAPK/ERK pathway in response to IL1 in an IRAK1-independent manner, leading to up-regulation of IL8 and CCL4. Transduces CD40 and TNFRSF1A signals that activate ERK in B-cells and macrophages, and thus may play a role in the regulation of immunoglobulin production. May also play a role in the transduction of TNF signals that activate JNK and NF-kappa-B in some cell types. In adipocytes, activates MAPK/ERK pathway in an IKBKB-dependent manner in response to IL1B and TNF, but not insulin, leading to induction of lipolysis. Plays a role in the cell cycle. Isoform 1 shows some transforming activity, although it is much weaker than that of the activated oncogenic variant.

Aliases: AURA2 antibody, c COT antibody, Cancer Osaka thyroid oncogene antibody, CCOT antibody, COT antibody, COT proto oncogene serine/threonine protein kinase antibody, EST antibody, ESTF antibody, Ewing sarcoma transformant antibody, FLJ10486 antibody, M3K8_HUMAN antibody, MAP3K 8 antibody, MAP3K8 antibody, MEKK8 antibody, Mitogen activated protein kinase kinase kinase 8 antibody, Mitogen-activated protein kinase kinase kinase 8 antibody, Proto oncogene cCot antibody, Proto-oncogene c-Cot antibody, Serine/threonine protein kinase cot antibody, Serine/threonine-protein kinase cot antibody, TPL 2 antibody, TPL-2 antibody, TPL2 antibody, Tumor progression locus 2 antibody

UniProt: [P41279](#)

Pathways: [PI3K-Akt Signaling](#), [TCR Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Handling

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.