

Datasheet for ABIN7451876
anti-MAP2K4 antibody (AA 349-399)



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Overview

Quantity:	100 µg
Target:	MAP2K4
Binding Specificity:	AA 349-399
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP2K4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-MKK4 Antibody, Affinity Purified
Immunogen:	between AA 349 and 399
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	MAP2K4
Alternative Name:	MKK4 (MAP2K4 Products)
Background:	Background: MAPKK4 (mitogen-activated protein kinase kinase 4) is a dual specificity protein kinase that belongs to the Ser/Thr protein kinase family. MAPKK4 is a direct activator of MAP

Target Details

kinases in response to various environmental stresses or mitogenic stimuli. It has been shown to activate MAPK8/JNK1, MAPK9/JNK2, and MAPK14/p38, but not MAPK1/ERK2 or MAPK3/ERK3. This kinase is phosphorylated, and thus activated by MAP3K1/MEKK. Studies in knockout mice suggest that MAPKK4 mediates survival signals in T cell development. It may also be important to liver organogenesis.[taken from NCBI Entrez Gene (GeneID: 6416)].

Gene ID: 6416

NCBI Accession: [NP_003001](#)

UniProt: [P45985](#)

Pathways: [MAPK Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months