

Datasheet for ABIN392411

anti-MAP3K6 antibody (C-Term)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	MAP3K6
Binding Specificity:	AA 1028-1058, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MEKK6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1028-1058 amino acids from the C-terminal region of human MEKK6.
Clone:	RB0946
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MAP3K6
Alternative Name:	MEKK6 (MAP3K6 Products)

Target Details

Background: Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MEKK6 activates the JNK, but not ERK or p38 kinase pathways.

Molecular Weight: 142596

Gene ID: 9064

NCBI Accession: [NP_004663](#)

UniProt: [O95382](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.

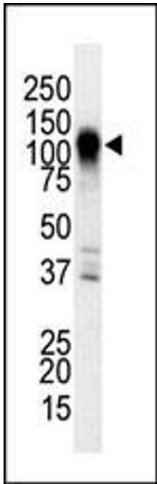
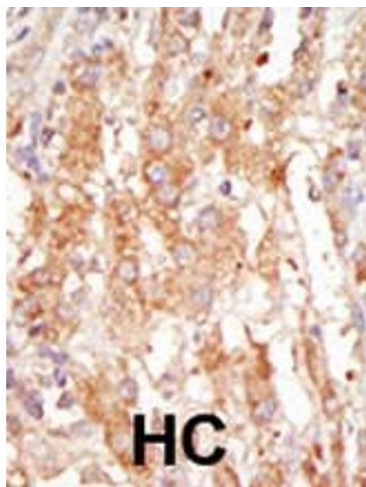
Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Chen, Hou, Fan, Jin, Wang: "Sonic hedgehog protein regulates fibroblast growth factor 8 expression in metanephric explant culture from BALB/c mice: Possible mechanisms associated with renal morphogenesis." in: **Molecular medicine reports**, Vol. 14, Issue 4, pp. 2929-36, (2017) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. The anti-MEKK6 Pab (ABIN392411 and ABIN2842025) is used in Western blot to detect MEKK6 in NIH3T3 cell lysate.