

# MEK-7 Polyclonal Antibody

# Description

Product type Primary Antibody

Code BT-AP05359

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human MAP2K7. AA range:241-290

Mol wt 47485

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name MEK-7 Antibody

Synonyms MAP2K7; JNKK2; MEK7; MKK7; PRKMK7; SKK4; Dual specificity mitogen-activated protein kinase

kinase 7; MAP kinase kinase 7; MAPKK 7; JNK-activating kinase 2; MAPK/ERK kinase 7; MEK 7; Stress-

activated p

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

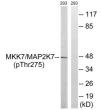
The protein encoded by MAP2K7 (mitogen-activated protein kinase kinase 7) is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinase including MAP3K1/MEKK1, MAP3K2/MEKK2, MAP3K3/MEKK5, and MAP4K2/GCK. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stresses. Alternative splicing results in multiple transcript variants.

#### Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 20000

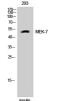
Not yet tested in other applications.

## **Images**



 $We stern \ blot \ analysis \ of \ lysates \ from \ 293 \ cells \ treated \ with \ insulin \ 0.01 U/ml \ 15', using \ MAP2K7 \ Antibody. \ The$ 

lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 293 cells using MEK-7 Polyclonal Antibody

# Storage

-20°C for one year

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