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MAP2K3 (N) Antibody, Rabbit Polyclonal

Cat#: R1425-1

Quantity: 100 ul

Predicted | Observed M.W.: 39 | 42 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P46734

Background:

MAP2K3 is a dual specificity protein kinase that belongs to the MAP kinase kinase family. MAP2K3 is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. MAP2K3 phosphorylates and thus activates MAPK14/p38-MAPK. MAP2K3 can be activated by insulin, and is necessary for the expression of glucose transporter. Abundant expression of MAP2K3 is seen in the skeletal muscles.

Other Names:

Dual specificity mitogen-activated protein kinase kinase 3, MAPK/ERK kinase 3, Stress-activated protein kinase kinase 2, MEK3, MKK3, PRKMK3, SKK2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human MAP2K3. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

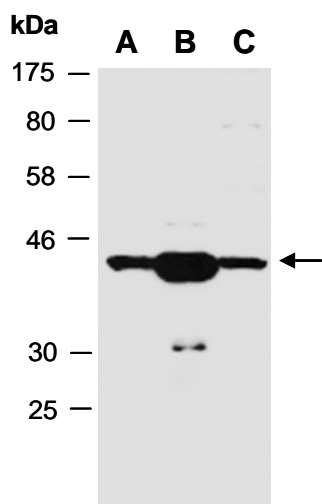


Fig 1. Western blot of total cell extracts from (A) human HeLa, (B) human Jurkat, (C) mouse thymus; using anti-MAP2K3 (N) (R1425-1) at RT for 2 h.