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MAPK11 (N) Antibody, Rabbit Polyclonal

Cat#: R2299-1

Quantity: 100 ul

Predicted | Observed M.W.: 41 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q15759

Background:

Mitogen-activated protein kinase 11 (MAPK11) is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. MAPK11 is most closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and environmental stress. MAPK11 is activated through its phosphorylation by MAP kinase kinases (MKKs), preferably by MKK6. Transcription factor ATF2/CREB2 has been shown to be a substrate of MAPK11.

Other Names:

SAPK2b, Stress-activated protein kinase 2b, p38-2, p38b, MAP kinase p38 beta, Mitogen-activated protein kinase p38 beta, MAPK 11, MAP kinase 11, Mitogen-activated protein kinase 11, p38Beta, PRKM11, SAPK2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human MAPK11. 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:

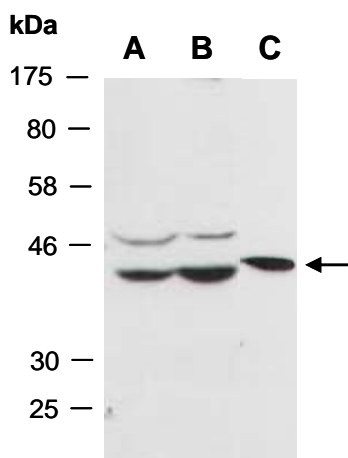


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus, C) human Jurkat; using anti-MAPK11 (N) (R2299-1) at RT for 2 h.