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STK24 (N) Antibody, Rabbit Polyclonal

Cat#: R1971-1

Quantity: 100 ul

Predicted | Observed M.W.: 49 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9Y6E0

Background:

Serine/threonine-protein kinase 24 (STK24) belongs to the protein kinase superfamily, the STE Ser/Thr protein kinase family, and the STE20 subfamily. STK24 is a serine/threonine-protein kinase that acts on both serine and threonine residues and promotes apoptosis in response to stress stimuli and caspase activation. STK24 mediates oxidative-stress-induced cell death by modulating phosphorylation of JNK1-JNK2 (MAPK8 and MAPK9), p38 (MAPK11, MAPK12, MAPK13 and MAPK14) during oxidative stress.

Other Names:

Serine/threonine-protein kinase 24, Mammalian STE20-like protein kinase 3, MST-3, STE20-like kinase MST3, MST3, STK3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human STK24. 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:

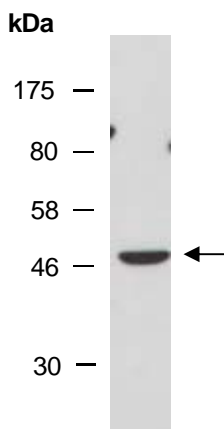


Fig 1. Western blot of total cell extracts from mouse thymus, using anti-STK24 (N) (R1971-1) at RT for 2 h.