
Anti-MEK kinase-1

Cat #: HM1223
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Mitogen-activated protein (MAP) kinase cascades are activated by various extracellular stimuli, including growth factors. The MEK kinases (also called MAP kinase kinase kinases, MKKKs, MAP3Ks or MEKKs) phosphorylate and thereby activate the MEKs (also called MAP kinase kinases or MKKs), and these activated MEKs in turn phosphorylate and activate the MAP kinases. The MEK kinases include Raf-1, Raf-B, Mos, MEK kinase-1, MEK kinase-2, MEK kinase-3, MEK kinase-4, and ASK 1 (MEK kinase-5).

SPECIFICITY

This antibody is recommended for the detection of MEK kinase-1 p72 and p195 of mouse, rat and human origin by Western blotting, immunoprecipitation (as active kinase) and immunohistochemistry (including paraffin-embedded sections).

Recommended dilution for Western blotting: 1:1000. Molecular weight of MEK kinase-1: 72 kDa and 195 kDa.

IMMUNOGEN

A peptide at the carboxy terminus of mouse MEK kinase-1.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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