

Supplementary Data

Negative regulation of SEK1 signaling by serum- and glucocorticoid-inducible protein kinase 1

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Figure legends

Figure S1 SGK1 inhibits the MEKK1-induced activation of SEK1, but not that of MKK7. 293T cells were transfected for 48 h with expression vectors for GST-SEK1 (A) or GST-MKK7 (B) and indicated combinations of Δ MEKK1-Flag and HA-SGK1-CA. Cell lysates were subjected to immunoprecipitation with anti-GST antibody, and the resulting precipitates were assayed for SEK1 (A) or MKK7 (B) activity by immune complex kinase assay with the use of GST-JNK3(K55R) as substrate. The amounts of the recombinant proteins in cell lysates were also examined by immunoblot (IB) analysis with the indicated antibodies. Δ MEKK1 is a constitutively active form of MEKK1.

Figure S1

