

Supplementary Information

Role of serum- and glucocorticoid-inducible kinases in stroke

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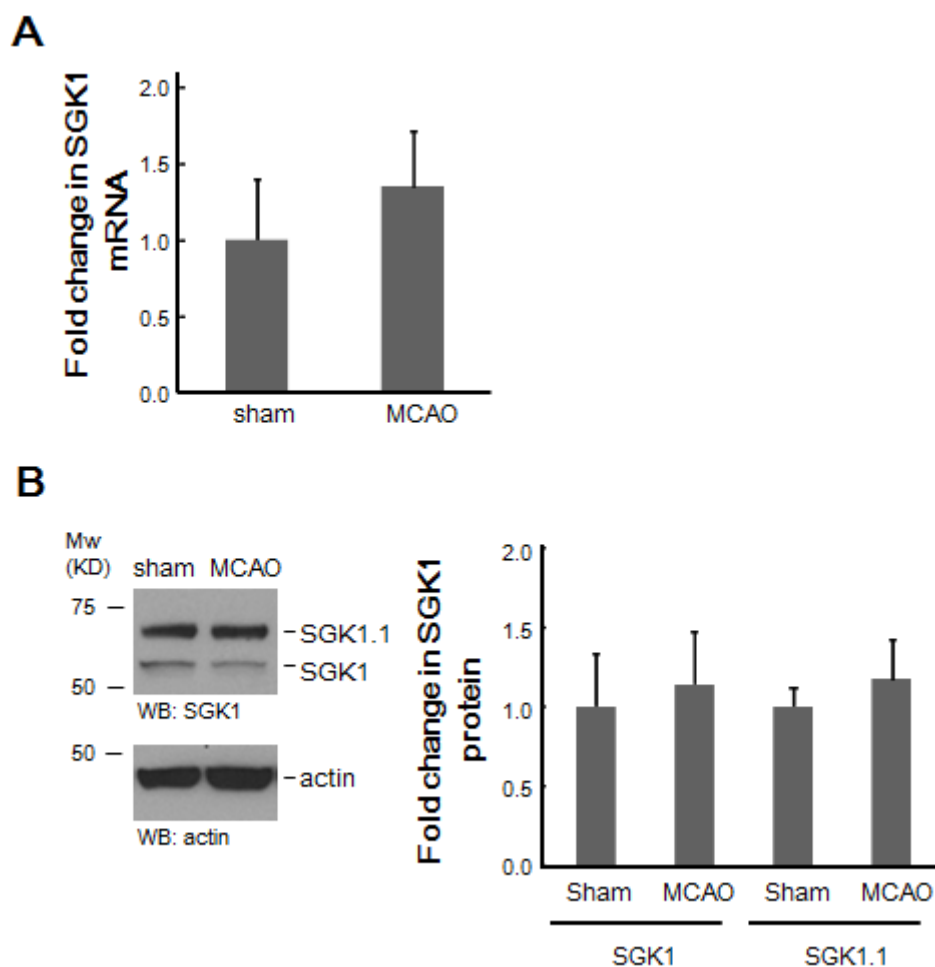
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Supplementary Figure 1



Brain ischemia does not affect the level of SGK1. (A) MCAO was performed for 1 h. Twenty four h later mice were sacrificed and brain samples were collected. Total RNA was then extracted, followed by reverse transcription and real-time PCR reaction. Graph shows that mRNA level of SGK1 is not altered clearly by MCAO (n=4; p=0.53). (B) Samples were collected as described in (A) and immunoblotting was performed using an anti-SGK1 antibody (upper). Protein loading was monitored by immunoblotting using an antibody for actin (lower). Bar graph shows relative changes in SGK1 and SGK1.1 against actin (n=4; p=0.77 for SGK1, p=0.55 for SGK1.1).

Supplementary Table 1. Primers for PCR

Gene	Forward(F)/Reverse(R)	Sequence
β -actin	F	5'- AGCCATGTACGTAGCCATCC -3'
β -actin	R	5'- CTCTCAGCTGTGGTGGTGAA -3'
SGK1	F	5'-CGTCAAAGCCGAGGCTGCTCGAAGC-3'
SGK1	R	5'-GGTTTGGCGTGAGGGTTGGAGGAC-3'