

Supplementary Materials

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Inhibition of Death-associated Protein Kinase 1 Protects against Epileptic Seizures in Mice

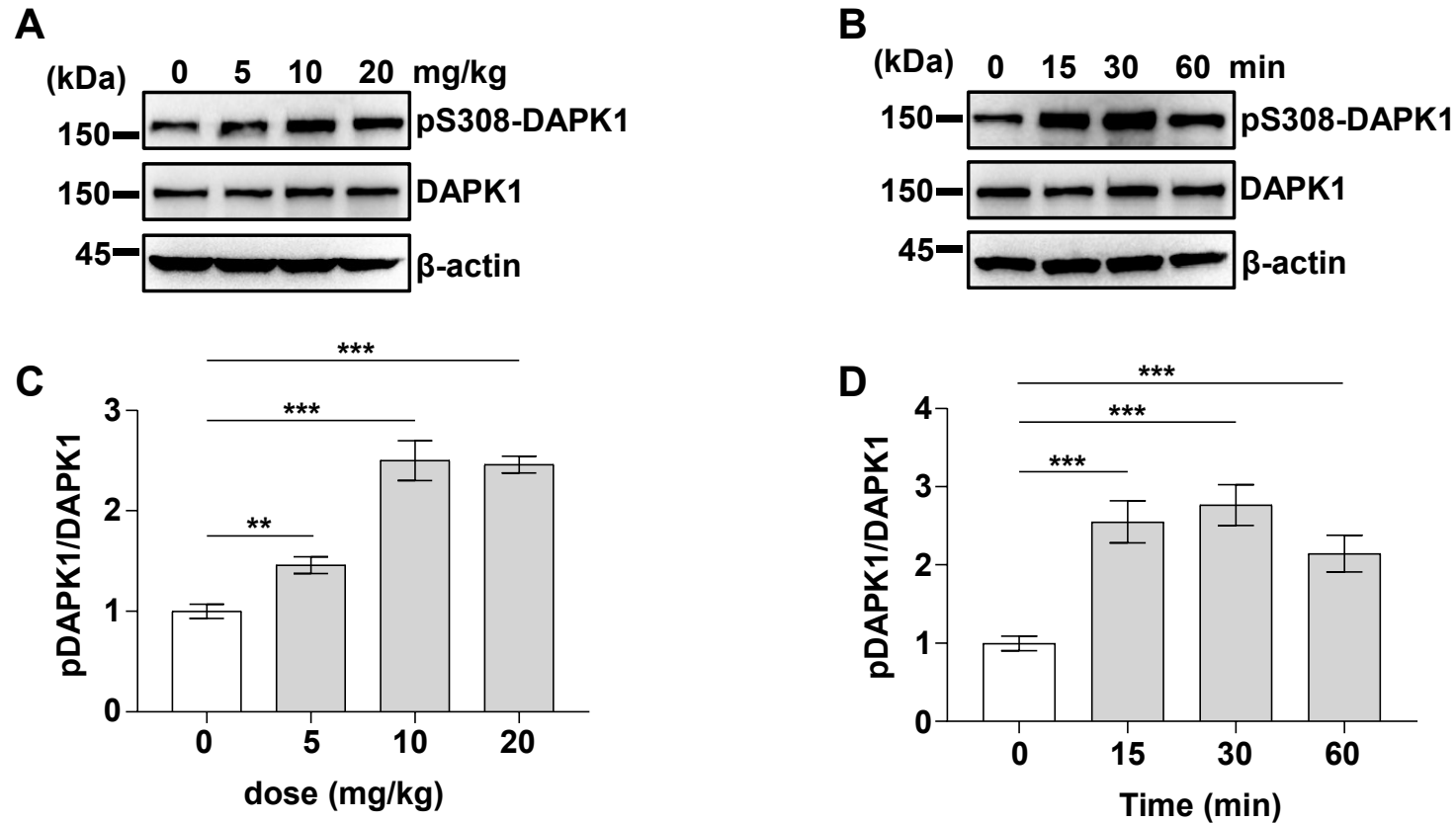


Fig. S1 DAPK1 inhibitor (C6) suppresses DAPK1 activity in mouse brain.

A Mice (C57BL/6, male, P56-P80, $n = 5$ /group) were administered different dose of C6, and brain tissues were harvested 30 min after C6 injection. **B** Mice (C57BL/6, male, P56-P80, $n = 5$ /group) were administered C6 (10 mg/kg), and brain tissues were harvested at different time point after C6 injection. Hippocampal lysates were subjected to immunoblotting analysis with anti-pSer308-DAPK1, anti-DAPK1, and anti- β -actin antibodies. **C-D** Statistical significance was determined by one-way ANOVA with Tukey's multiple comparisons tests (** $P < 0.01$, *** $P < 0.001$). All data shown represent the means \pm standard errors of three independent experiments.

Supplementary Table 1 Primary antibodies used in this study.

Antibody	Dilution	Source	Identifier
Mouse anti-DAPK1	1:1000 (WB)	MilliporeSigma	D2178
Rabbit anti-DAPK1	1:50 (IHC)	MilliporeSigma	SAB4500620
Mouse anti-pS308 DAPK1	1:1000 (WB)	Abmart	
Mouse anti-pS308 DAPK1	1:1000 (IHC)	MilliporeSigma	D4941
Mouse anti-MLC	1:1000 (WB)	Abcam	ab233152
Mouse anti-pMLC (Ser19)	1:1000 (WB)	Cell Signaling Technology	3675
Rabbit anti-NR2B	1:1000 (WB)	Abcam	65783
Rabbit anti-pNR2B (Ser1303)	1:1000 (WB)	MilliporeSigma	07-398
Mouse anti- β -actin	1:20000 (WB)	MilliporeSigma	A5441

WB, Western blotting; IHC, Immunohistochemistry