



**Figure 1.** Immunoblot analysis of *CaMKII* and *CaMKK* isoforms in hippocampal regions CA1, CA2, CA3, and CA4. Hippocampal sections were immunoblotted with anti-*CaMKII* and anti-*CaMKK* antibodies. The immunoblots were probed with anti-actin antibody as a loading control. Molecular weight markers are shown on the right. The blots were developed using enhanced diaminobenzidine tetrahydrochloride as substrate. The blots were quantified using a PhosphorImager. The relative intensity of each band was normalized to the actin loading control. The relative intensity of each band is shown in the bar graphs. Error bars represent SEM. \**p* < 0.05, \*\**p* < 0.01, \*\*\**p* < 0.001.

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