



Figure 10. Analysis of the effect of *CaMKII* deficiency on the expression of *CaMKII* and *CaMKK*. *CaMKII* levels were significantly lower in the hippocampus of *CaMKII*^{-/-} mice compared with WT mice (**A**, **B**). The levels of total *CaMKK* (**C**, **D**) and phosphorylated *CaMKK* (**G**, **H**) were similar in WT and *CaMKII*^{-/-} mice. The levels of phosphorylated *CaMKII* (**E**, **F**) were significantly lower in *CaMKII*^{-/-} mice compared with WT mice. β -tubulin was used as a loading control. Error bars represent SEM. *p < 0.05.