

CaMKII and CaMKK in the Hippocampus

CaMKII and CaMKK are known to be involved in the regulation of synaptic plasticity and learning and memory (Miyamoto and Mizuno, 2004; Mizuno et al., 2004). We first examined the expression of CaMKII and CaMKK in the hippocampus.

Figure 1 shows the expression of CaMKII and CaMKK in the hippocampus. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and dentate gyrus (DG) of the hippocampus. The expression of CaMKII β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG.

Figure 2 shows the expression of CaMKII and CaMKK in the hippocampus. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG.

Figure 3 shows the expression of CaMKII and CaMKK in the hippocampus. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG.

Figure 4 shows the expression of CaMKII and CaMKK in the hippocampus. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG.

Figure 5 shows the expression of CaMKII and CaMKK in the hippocampus. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG.

Figure 6 shows the expression of CaMKII and CaMKK in the hippocampus. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG.

Figure 7 shows the expression of CaMKII and CaMKK in the hippocampus. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG. The expression of CaMKII α and CaMKK α was detected in the CA1, CA2, CA3, and DG of the hippocampus. The expression of CaMKII β and CaMKK β was detected in the CA1, CA2, and CA3, but not in the DG.