



Figure 4. *CaMKII* α regulates *CaMKII* β activity via phosphorylation of *CaMKII* β Ser381. *A*, Representative traces showing the increase in *CaMKII* α and *CaMKII* β phosphorylation (pCaMKII β) in response to a 5 min burst of action potentials (APs). *B*, The *CaMKII* inhibitor KN-92 blocks the increase in pCaMKII β . *C*, The *CaMKII* activator KN-26 increases pCaMKII β . *D*, The phosphatase inhibitor okadaic acid (OA) increases pCaMKII β . *E*, The phosphatase inhibitor TBOA increases pCaMKII β . Scale bars: 100 pA, 10 s.