Supporting Information

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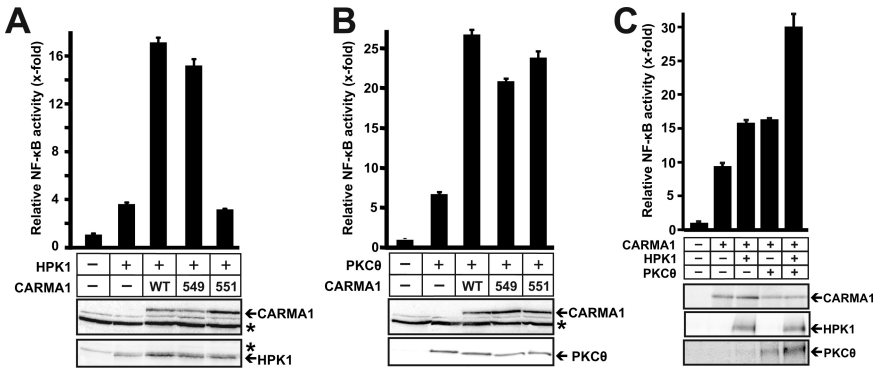

Fig. S1. The HPK1-specific residue S551 within the linker of CARMA1 is critical for HPK1- mediated but not PKCθ-mediated NF-κB activation. (*A* and *B*) 293T cells were transfected with a NF-κB-specific luciferase reporter plasmid and a β-galactosidase expression plasmid for normalization together with or without expression plasmids encoding for wild-type CARMA1 (WT), CARMA1-S549A (549), CARMA1-S551A (551), and HPK1:HA (*A*) or PKCθ (*B*). Forty-eight hours later cells were lysed and luciferase activity was measured and normalized to β-galactosidase activity to calculate the relative NF-κB activity. Expression levels of CARMA1, HPK1, and PKCθ were visualized by WB. The experiments were repeated at least three times with similar outcome. (*C*) 293T cells were transfected with a NF-κB specific reporter plasmid and expression constructs encoding either CARMA1 alone or in different combinations with HPK1 and PKCθ. Forty-eight hours later cells were lysed and analyzed as above. Expression levels of CARMA1, HPK1, and PKCθ were visualized by WB. The experiments were repeated at least three times with similar outcome.