



Figure S7 Various RACK1 mutants inhibited the TNF-induced NF- κ B signaling pathway. **(A, B)** 293T cells were transfected with different mutant RACK1 expression plasmids, the NF- κ B-responsive luciferase reporter and *Renilla* reporter plasmids or control vector. Twenty-four hours after transfection, the cells were treated with TNF for immunoblotting and luciferase reporter assays. **(C)** 293T cells were transfected with HA-IKK α and the indicated RACK1 mutants, and 24 h later, the cell extracts were immunoprecipitated with mouse anti-myc antibody and then subjected to immunoblot analysis. myc-RACK1 mutants : 1. Wild-type, 2. Y5F, 3. Y52F, 4. Y194F, 5. Y228F, 6. Y246F, 7. Y302F, 8. Y5/52/194/228/246/302F, 9. S46A, 10. S146A, 11. S146/157A and 12. S46/63/80A. Y: tyrosine; F: phenylalanine; S: serine; A: alanine.

Graphs show the mean \pm SD, n = 3. * P < 0.05; ** P < 0.01