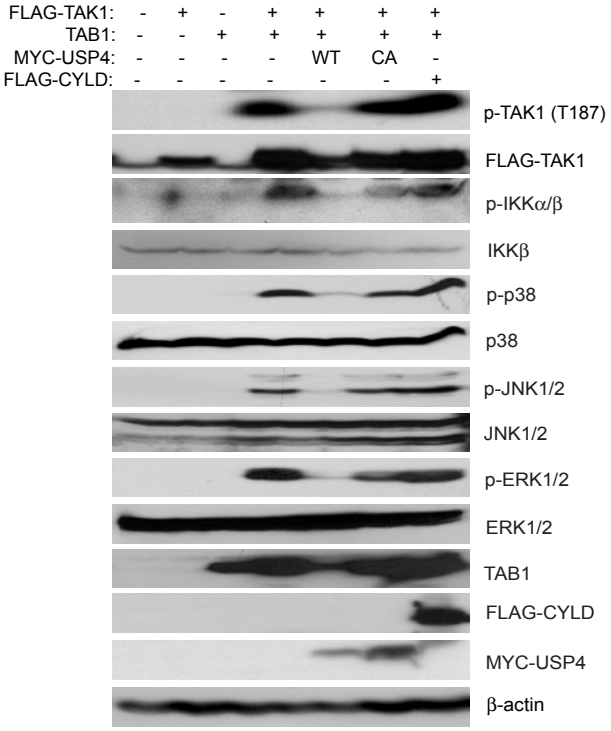
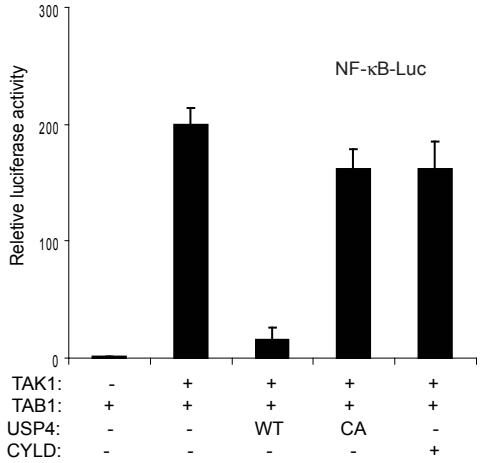
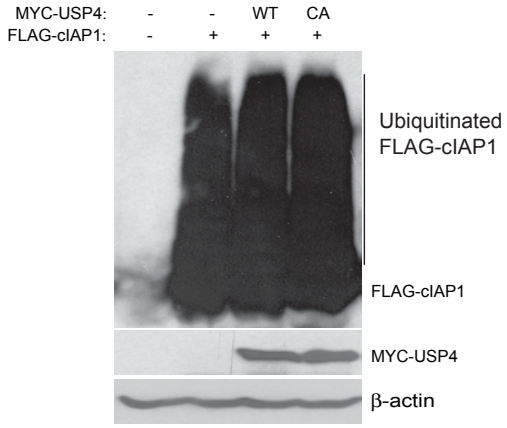
Supplementary Figure S1



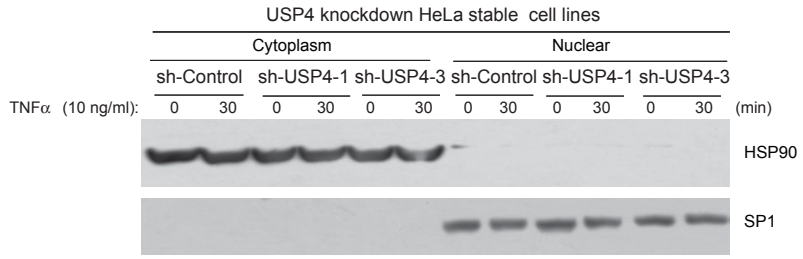
Supplementary Figure S2



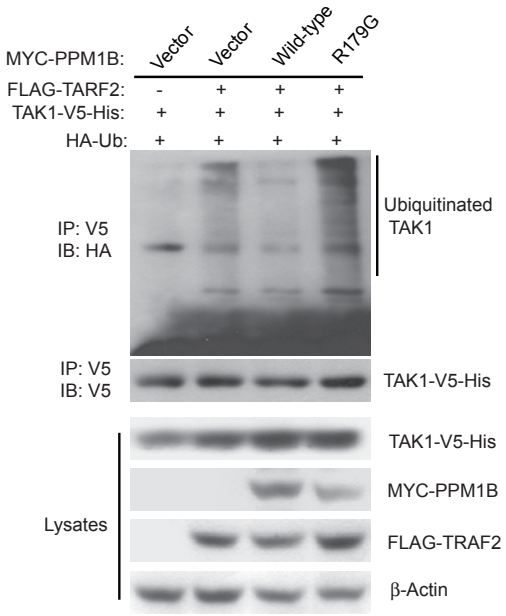
Supplementary Figure S3



Supplementary Figure S4



Supplementary Figure S5



# Supplementary Table S1 Primers

| No. | Name | Sequence (5' ⟶ 3') |
|---|---|---|
| 1 | sh-USP4-1 | AACATGTCCGAGTTTGTCTGT |
| 2 | sh-USP4-3 | AACTGTAAGAAGCATCAACAG |
| 3 | USP4-WT-Resuce-5' | AGGGCTGAACATGAGTGAATTCGTATGTAACCTGTCAG |
| 4 | USP4-WT-Resuce-3' | CTGACAGGTTACATACGAATTCACTCATGTTCAGCCCT |
| 5 | hMIP3α-RT-5' | GCCAATGAAGGCTGTGACAT |
| 6 | hMIP3α-RT-3' | TGTGCAAGTGAAACCTCCAA |
| 7 | hMnSOD-RT-5' | GGAAGCCATCAAACGTGACT |
| 8 | hMnSOD-RT-3' | GTAGTAAGCGTGCTCCCACA |
| 9 | hMCP-1-RT-5' | CCCCAGTCACCTGCTGTTAT |
| 10 | hMCP-1-RT-3' | GAGTTTGGGTTTGCTTGTCC |
| 11 | hIκBα-RT-5' | CCAGGGCTATTCTCCCTACC |
| 12 | hIκBα-RT-3' | CTTTGCGCTCATAACGTCAG |
| 13 | hcIAP2-RT-5' | TGCAAGAAGCTGAAGCTGTG |
| 14 | hcIAP2-RT-3' | GAAGGAGCACAATCTTTGCAT |
| 15 | hA20-RT-5' | TTGGAAGCACCATGTTTGAA |
| 16 | hA20-RT-3' | TGGGATGCTGACACTCCAT |
| 17 | hGAPDH-RT-5' | CCTCAACGACCACTTTGTCA |
| 18 | hGAPDH-RT-3' | GACTGAGTGTGGCAGGGACT |