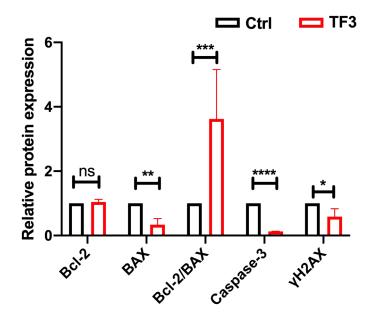
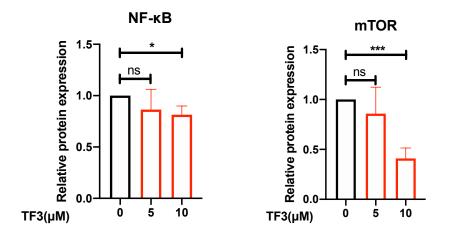
Supplementary materials

Supplementary figures

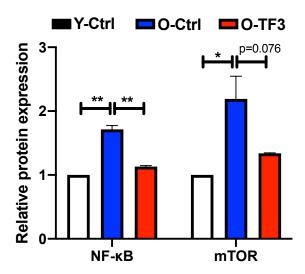


Supplementary Figure S1. The Statistical analysis of apoptosis protein expression in different groups. Granulosa cells were routinely cultured for 24 h after seeding, starved in serum-free culture medium for 24 h, and then treated with TF3 (10 μ M) or control. The apoptosis related proteins were measured, and the statistical analysis was performed. ns, no significant difference; *p<0.05, **p<0.01, ***p<0.001, and ****p<0.0001.



Supplementary Figure S2. Statistical analysis of NF- κ B and mTOR protein expression in different groups. Granulosa cells were cultured for 24 h, starved in serum-free culture medium for 24h, and then TF3 (5 μ M,10 μ M) or control treatment was given. The related

marker proteins were measured, and the statistical analysis was performed. ns, no significant difference; *p<0.05 and ***p<0.001.



Supplementary Figure S3. Statistical analysis of NF- κ B and mTOR protein expression in different groups. Ovarian tissues were collected from Y-Ctrl, O-Ctrl and O-TF3 group. The proteins were extracted to analyze the effects of TF3 on NF- κ B and mTOR protein levels. The statistical analysis was performed. *p<0.05 and **p<0.01.