

Supplementary Table 1. List of primary antibodies

Antisera	Code	Host species	Dilution	Company
TH	ab112	Rabbit	1:100	Abcam (LOT:GR3244479-9)
CD31	MAB1398Z	Hamster	1:100	Merck Millipore (LOT:3170789)
Non-targeting IgG	ab6199	Rabbit	1:200	Abcam (LOT:GR201145-7)

Supplementary Table 2. List of secondary antibodies

Antibody	Dilution	Company
Donkey anti-rabbit IgG	1:100	Thermo Fisher Scientific (LOT:1608464)
Goat anti-hamster IgG	1:100	Thermo Fisher Scientific (LOT:2041067)

Supplementary Table 3. List of metabolic indexes

Variable	Control	PCOS	PCOS+EA
Weights			
Body weight (kg)	0.222 ± 0.003	0.274 ± 0.003***	0.248 ± 0.005 ^{###}
Glucose metabolism			
Fasting glucose (mmol/)	5.038 ± 0.089	4.883 ± 0.094	5.015 ± 0.148
Fasting insulin (uIU/ml)	35.879 ± 1.634	31.873 ± 1.589	32.939 ± 1.932
Lipid profile			
TC (mmol/l)	1.441 ± 0.068	1.955 ± 0.130***	1.513 ± 0.050 ^{###}
TG (mmol/l)	0.688 ± 0.045	2.185 ± 0.148***	1.399 ± 0.211 ^{###}
HDL (mmol/l)	1.051 ± 0.057	1.028 ± 0.050	0.851 ± 0.027
LDL (mmol/l)	0.148 ± 0.021	0.176 ± 0.042	0.149 ± 0.005
Liver function			
ALT (U/L)	56.048 ± 4.022	200.933 ± 5.2558***	65.079 ± 9.489 ^{###}
AST (U/L)	171.460 ± 2.019	302.545 ± 3.723***	169.748 ± 1.764 ^{###}

All values are means ± SEM.

***p<0.001vs. Control ^{###}p<0.001vs. PCOS