

# **Supplemental Material**

**Table S1. Antibodies for immunoblot analyses.**

<b>Antibody</b>	<b>Cat No.</b>	<b>Manufacturer</b>	<b>Sources of species</b>	<b>MW (kDa)</b>
CAD	SC8342	Santa Cruz	Rabbit	40
P-IKK $\beta$	ab59195	Abcam	Rabbit	87
T-IKK $\beta$	8943	CST	Rabbit	87
P-IkBa	9246	CST	Mouse	39
T-IkBa	4814	CST	Mouse	39
P-p65	3033	CST	Rabbit	65
T-p65	4764	CST	Rabbit	65
Bax	2772	CST	Rabbit	20
Bcl2	2870	CST	Rabbit	26
Caspase-3	9662	CST	Rabbit	35
Cleaved-caspase-3	9661	CST	Rabbit	17,19
P-MEK1/2	9154	CST	Rabbit	45
T-MEK1/2	9122	CST	Rabbit	45
P-ERK1/2	4370	CST	Rabbit	42,44
T-ERK1/2	4695	CST	Rabbit	42,44
P-JNK1/2	4668	CST	Rabbit	46,54
T-JNK1/2	9252	CST	Rabbit	46,54
P-p38	4511	CST	Rabbit	42
T-p38	9212	CST	Rabbit	42
GAPDH	2118	CST	Rabbit	37

**Table S2. Antibodies for Immunofluorescence and TUNEL staining.**

<b>Antibody</b>	<b>concentration</b>	<b>Sources of species</b>	<b>Cat No.</b>	<b>Manufacturer</b>
anti-CAD	1:100	Rabbit	SC30061	Santa Cruz
anti-CD68	1:100	Rat	MCA1957	Bio-Rad
anti-SMA	1:100	mouse	ab7817	Abcam
anti-CD31	1:100	Goat	AF3628	R&D system
anti-ICAM-1	1:100	Goat	AF796	R&D system
anti-IL-6	1:100	Goat	AF406NA	R&D system
anti-IL-10	1:100	Goat	AF519	R&D system
anti-phospho P65	1:50	Rabbit	BS4135	Bioworld
anti-phospho ERK	1:100	Rabbit	3192	CST

**Table S3. Body weight and the levels of serum lipids in CAD<sup>-/-</sup>ApoE<sup>-/-</sup> mice and ApoE<sup>-/-</sup> mice fed a high-fat diet for 28 weeks.**

	ApoE <sup>-/-</sup>	CAD <sup>-/-</sup> ApoE <sup>-/-</sup>
Body weight (g)	40.61±0.49	40.14±0.87
TG (mg·dl <sup>-1</sup> )	84.13±0.53	82.93±0.59
TC (mg·dl <sup>-1</sup> )	521.65±5.08	519.04±6.14
VLDL (mg·dl <sup>-1</sup> )	550.94±4.89	544.40±3.99
IDL (mg·dl <sup>-1</sup> )	350.51±4.07	344.80±2.04
LDL (mg·dl <sup>-1</sup> )	214.11±3.29	207.50±1.67
HDL (mg·dl <sup>-1</sup> )	48.06±0.27	47.49±0.22

No significance was found between the two groups. Body weight, n=20. Serum lipids, n=10.

TG, triglyceride; TC, total cholesterol; VLDL, very low-density lipoprotein; IDL, intermediate-density lipoprotein; LDL, low-density lipoprotein; HDL, high-density lipoprotein