

Supplementary

Table S1 The information of all primary antibodies and loading amount of proteins in western blot

Primary antibody	Origin	Company	Cat. No.	Dilution rate	Sample loading
PON1 monoclonal antibody	UK	Abcam	Ab24261	1:1000	30 µg or 0.1 µL (plasma)
APOA1 polyclonal antibody	UK	Abcam	Ab7614	1:1000	30 µg or 0.5 µL (plasma)
APOE monoclonal antibody	UK	Abcam	Ab183597	1:1000	30 µg or 1 µL (plasma)
LCAT monoclonal antibody	UK	Abcam	Ab109417	1:1000	0.5 µL (plasma)
SAA monoclonal antibody	USA	Santa Cruz Biotechnology	SC-59680	1:1000	1 µL (plasma)
A1AT monoclonal antibody	UK	Abcam	Ab133642	1:1000	1 µL (plasma)
APOA4 polyclonal antibody	USA	R&D Systems	AF8125	1:1000	1 µL (plasma)
LDLR monoclonal antibody	UK	Abcam	Ab52818	1:500	40 µg
LXR α polyclonal antibody	UK	Abcam	Ab28478	1:1000	30 µg
ABCA1 monoclonal antibody	UK	Abcam	Ab18180	1:1000	70 µg
ABCG8 monoclonal antibody	USA	Novus Biologicals	NBP1-71706	1:1000	50 µg
ACAT polyclonal antibody	UK	Abcam	Ab93477	1:1000	30 µg
p-NF- κ B monoclonal antibody	USA	Cell Signaling Technology	3033	1:1000	50 µg
GAPDH polyclonal antibody	USA	Santa Cruz Biotechnology	SC-25778	1:1000	

A1AT, alpha 1 antitrypsin; ABCA1, ATP-binding cassette A1; ABCG8, ATP-binding cassette G8; ACAT, acyl-coenzyme A cholesterol acyltransferase; APOA1, apolipoprotein A1; APOA4, apolipoprotein A4; APOE, apolipoprotein E; GAPDH, glyceraldehyde-3-phosphate dehydrogenase; LCAT, lecithin-cholesterol acyltransferase; LDLR, LDL receptor; LXR α , liver X receptor alpha; p-NF- κ B, phosphorylated nuclear factor kappa B; PON1, paraoxonase1; SAA, serum amyloid A.