

Supplementary 1. Primary antibodies used in this study.

Antibody	Vender	Catalog #	Host species	Application	Dilution
APOL1	Sigma	HPA018885	rabbit	WB	1:1,000
APOL1	Epitomics	3245-1	rabbit	WB/IF	1:1,000
APOL1	Novus	8542	mouse	WB	1:1,000
APOL1	Lampire	customized	rabbit	Co-IP/WB/IF	5:2*/1:3,000/1:500
APOA1	Cell Signaling	#3352	mouse	WB/IF	1:500/1:100
HPR	Abcam	ab168213	mouse	WB	1:500
HPR	Abcam	ab151752	rabbit	IF	1:100
Complement C3	Complement Technology	A213	goat	WB	1:2,500
Fibronectin	R&D Systems	MAB1918	mouse	WB	1:500
IgM	Jackson ImmunoResearch	109-005-043	goat	ELISA	1:3,000
α 2-macroglobulin	Abcam	ab36995	mouse	WB	1:2,000
Thrombin	R&D Systems	AF1148	goat	WB	1:1,000
Complement C5	Jackson ImmunoResearch	A220	goat	WB	1:500
Complement C1r	Abcam	ab171778	mouse	WB	1:500
APOE	Abcam	ab1906	mouse	WB	1:500
Clusterin	R&D systems	AF2937	goat	WB	1:1,000
CFH	Complement Technology	A237	goat	WB	1:1,000
Complement C4	Complement Technology	A205	goat	WB	1:25,000
Thrombospondin	Life Technologies	399300	mouse	WB	1:500
PORS1	R&D Systems	AF4036	goat	WB	1:500
WT1	Thermo	Ms-1837-s	mouse	IF	1:100
DPP4/CD26	BD Biosciences	555435	mouse	IF	1:100

WB, Western blot; IF, immunofluorescence; Co-IP, co-immunoprecipitation; ELISA, enzyme-linked immunosorbent assay. HPR, haptoglobin-related protein; CFR, complement factor F; PORS1, vitamin K-dependent protein S; WT1, Wilms tumor protein (renal glomerular podocyte marker); DPP4, dipeptidyl peptidase 4 (renal proximal tubular cell marker).

*Volume ratio between Lampire APOL1 antibody and the tested serum/FPLC peak fractions (complex A or B).