

miR-200 family promotes podocyte differentiation through repression of RSAD2

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Table S1 Oligonucleotides used in qPCR and cloning studies

Primer Name	Sequence (5'to 3')
qPCR	
RSAD2 forward	CCGCTCGAGATGGGGATGCTGGTGCC
RSAD2 reverse	CGGGATCCTCACCAGTCCAGCTTCAGGT
miR-200a	TAACACTGTCTGGTAACGATGT
miR-200b	TAATACTGCCTGGTAATGATGA
miR-429	TAATACTGTCTGGTAATGCCGT
miR-200c	TAATACTGCCGGTAATGATGGA
miR-141	TAACACTGTCTGGTAAAGATGG
GAPDH forward	AGGTCGGTGTGAACGGATTTG
GAPDH reverse	TGTAGACCATGTAGTTGAGGTCA
RSAD2 3'UTR	
RSAD2 forward	ACCTCTGCCCTAACCTCACCTC
RSAD2 reverse	GTTACCATACATTAGAGCGATGC
RSAD2 3'UTR	
mutagenesis	
RSAD2 forward	CATTGGTTACATTTTTGACAGGAAATCTGGGTGC
RSAD2 reverse	GTAACCAATGTAAAACTGTCCTTTAGACCCACG
RSAD2 cloning	
RSAD2 forward	CCGCTCGAGATGGGGATGCTGGTGCC
RSAD2 reverse	CGGGATCCTCACCAGTCCAGCTTCAGGT

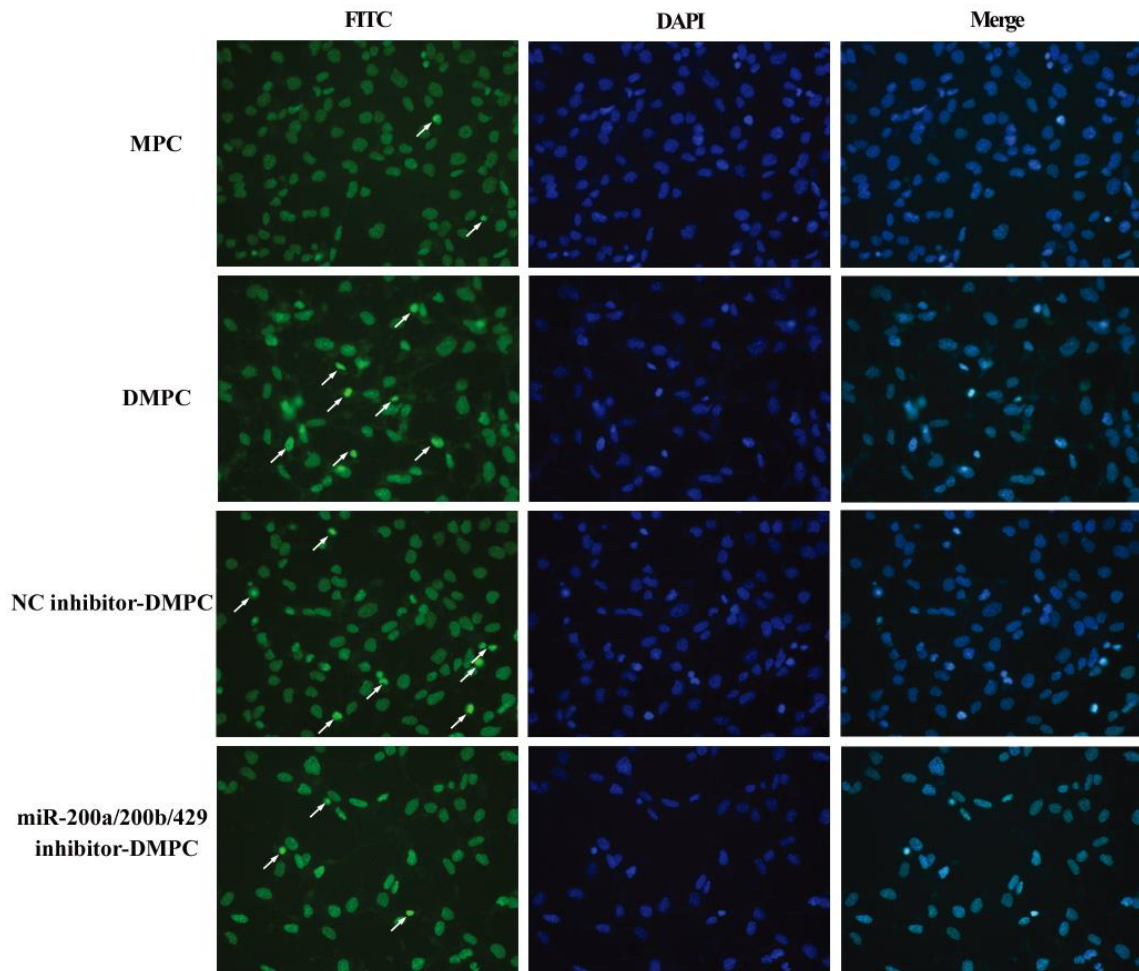


Fig. S1 The morphological validation of cell apoptosis by TUNEL assay. Apoptotic cell DNA were labeled with FITC (green). Podocyte nuclei were also stained with DAPI (blue).

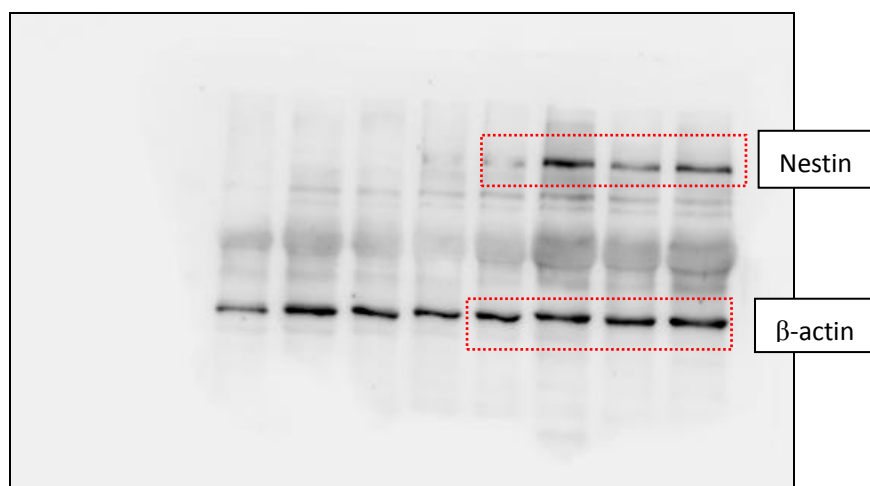


Fig. S2 The corresponding full-length blot of Nestin and β -actin was shown above.

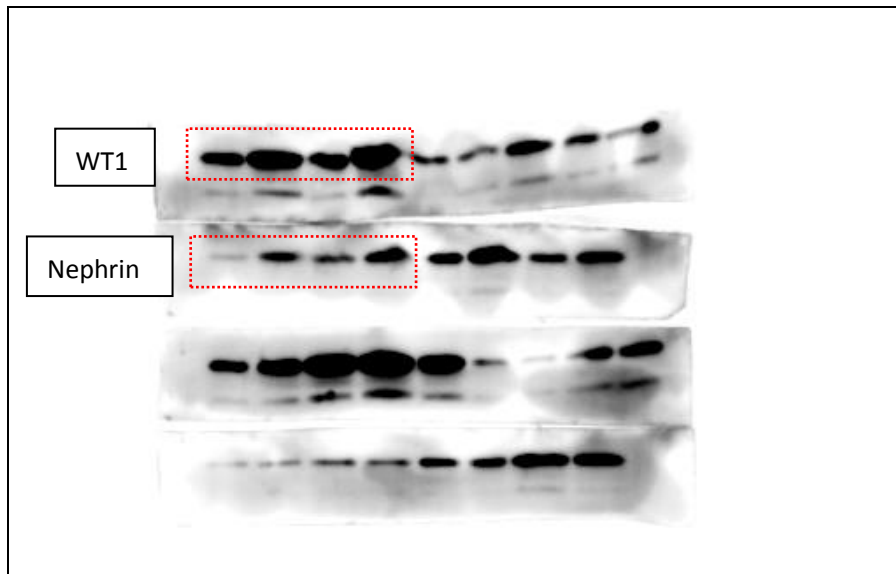


Fig. S3 The corresponding full-length blot of WT1 and Nephrin was shown above.

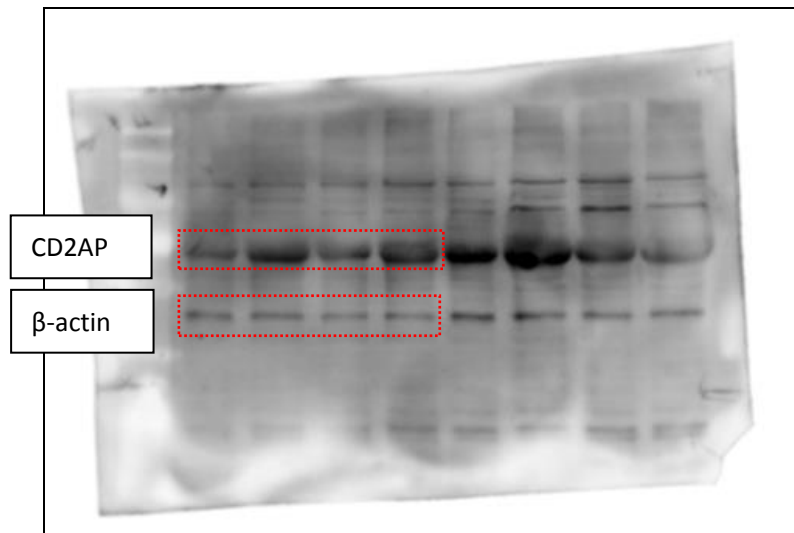


Fig. S4 The corresponding full-length blot of CD2AP was shown above.

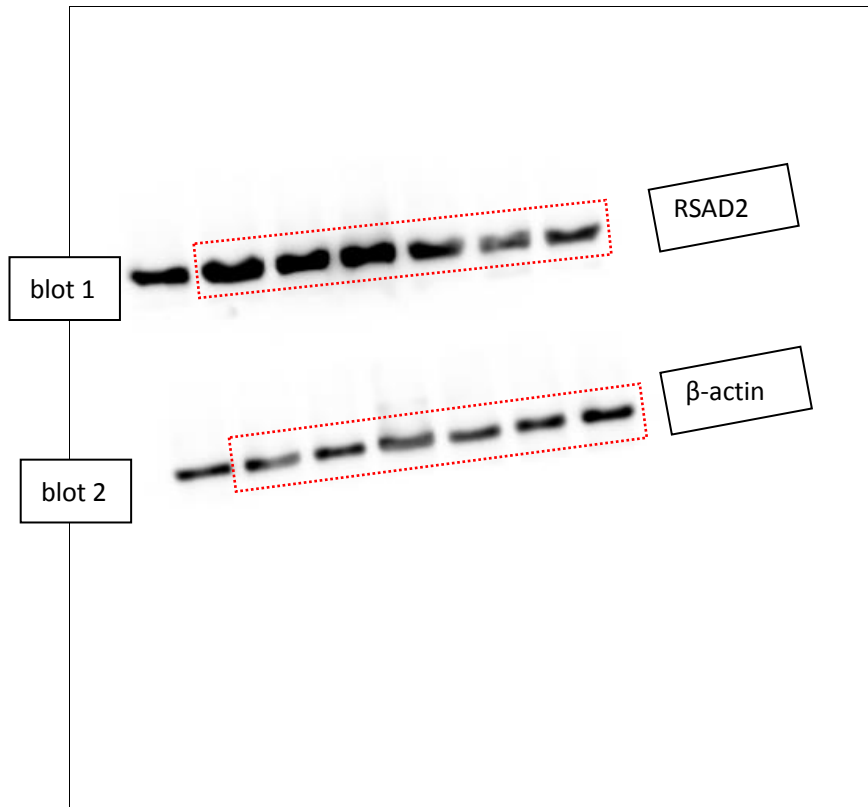


Fig. S5 The corresponding full-length blot of RSAD2 and β -actin was shown above.

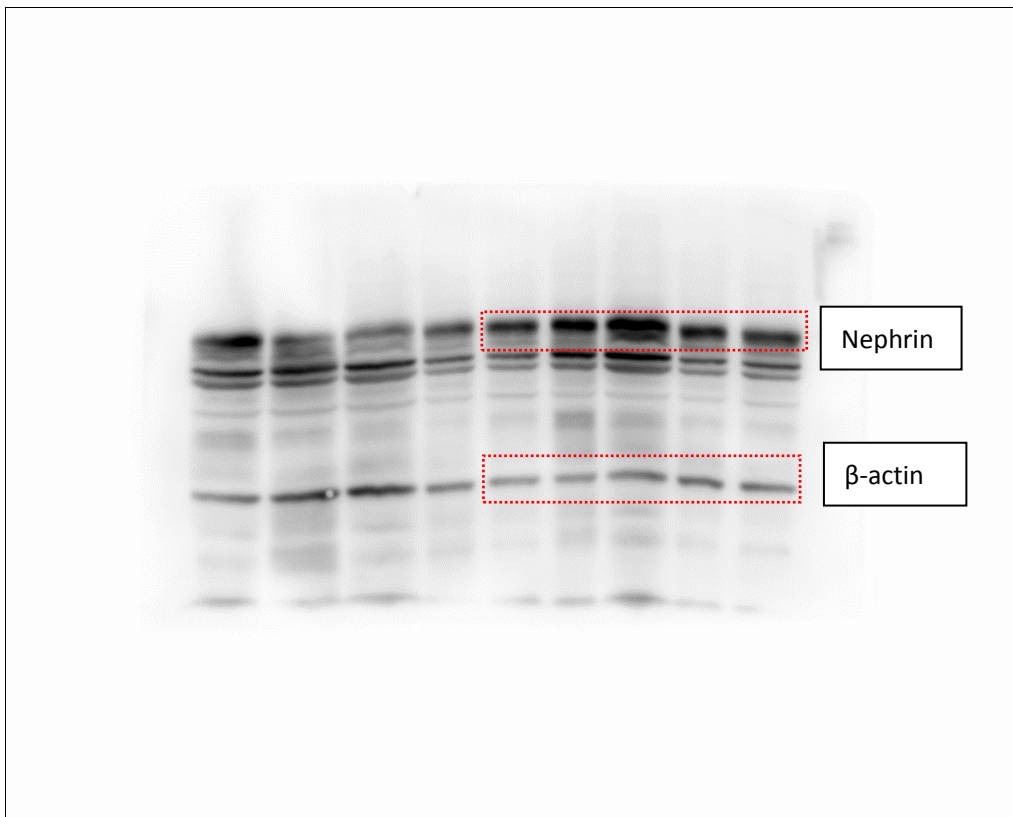


Fig. S6 The corresponding full-length blot of Nephrin and β -actin was shown above.

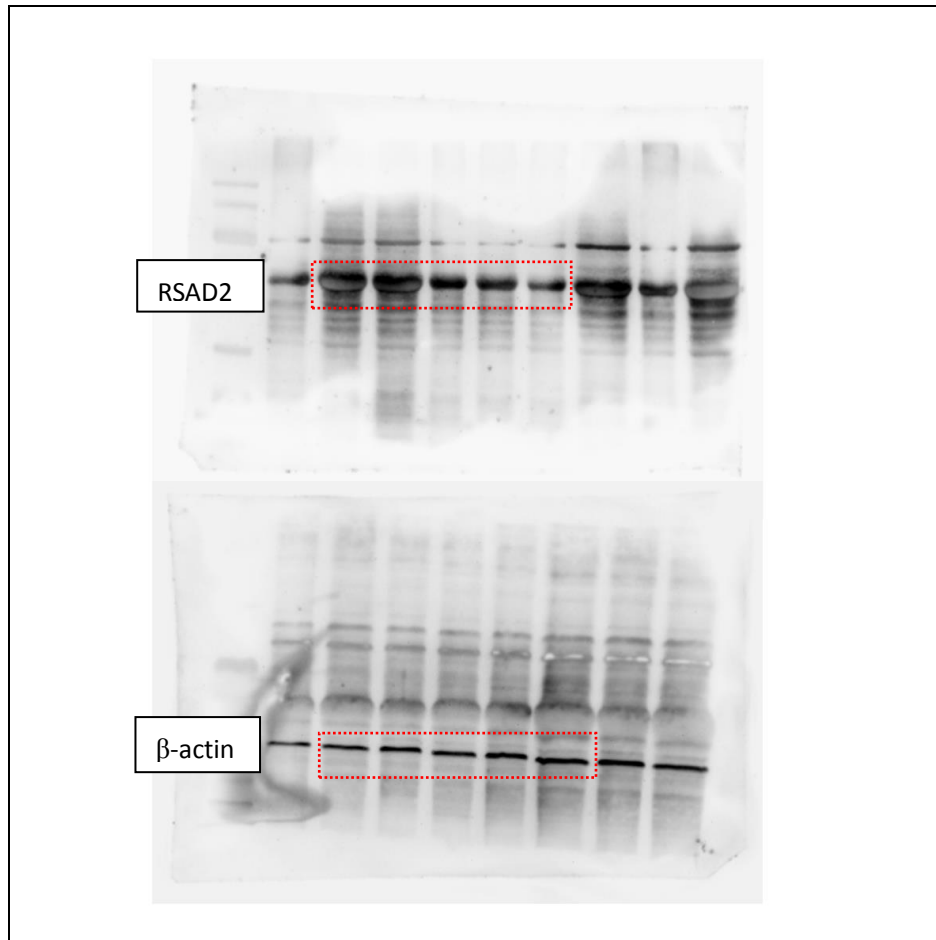


Fig. S7 The corresponding full-length blot of RSAD2 and β -actin was shown above.