

ONLINE SUPPLEMENT

**Hydrogen sulfide prevents arterial medial calcification in rats with diabetic
nephropathy**

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Running title: Hydrogen sulfide prevents calcification

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Supplemental Figure.

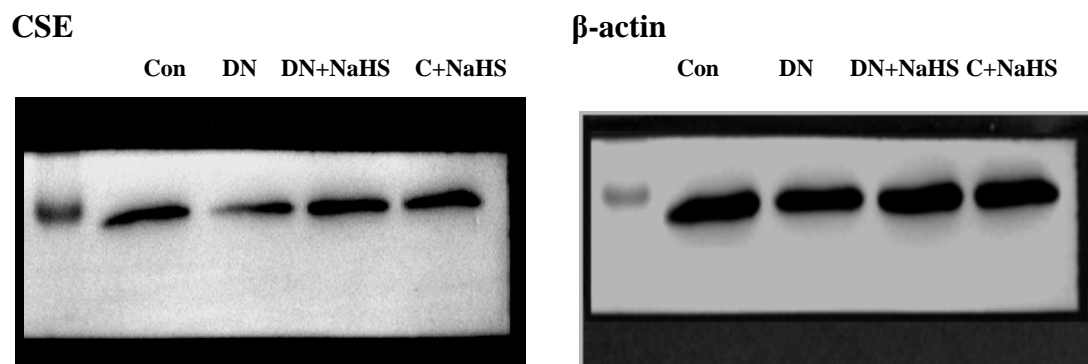


Figure S8. The CSE (44 kD) was cut from the whole membrane according to the protein molecular weight indicated by the markers. The same membrane was used again for getting the β -actin (42 kD) blot after removal of the primary antibody by using stripping buffer. The two blots as representative images were used for the Figure 5B in the manuscript file.

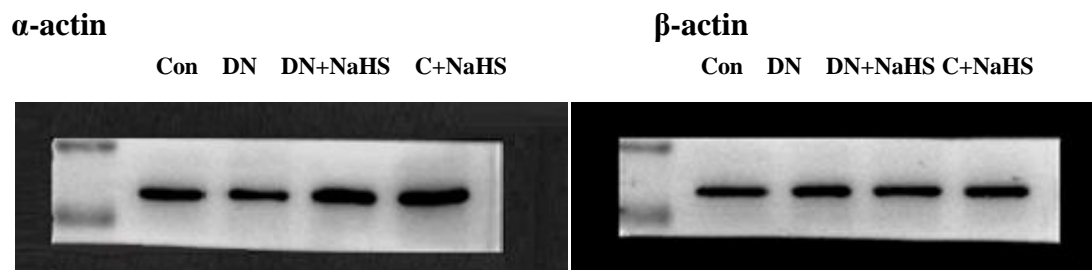


Figure S2. The membrane about the α -actin (42 kD) blot was cut from the whole membrane according to the protein molecular weight indicated by the markers. The same membrane was used again for getting the β -actin (42 kD) blot after removal of the primary antibody α -actin by using stripping buffer. The two blots as representative images were used for the Figure 5C in the manuscript file.

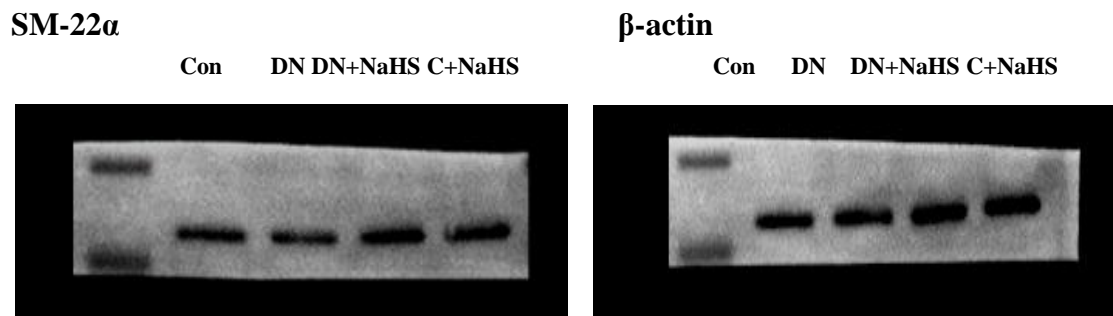


Figure S3. These two membranes about SM-22 α (22 kD) and β -actin (42 kD) were cut from the same whole membrane according to the protein molecular weight indicated by the markers. The two blots as representative images were used for the Figure 5D in the manuscript file.

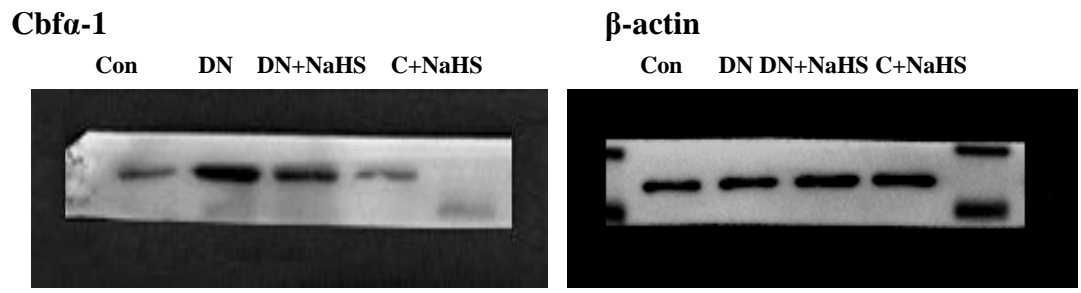


Figure S4. These two membranes about Cbfa-1 (55 kD) and β -actin (42 kD) were cut from the same whole membrane according to the protein molecular weight indicated by the markers. The two blots as representative images were used for the Figure 5E in the manuscript file.

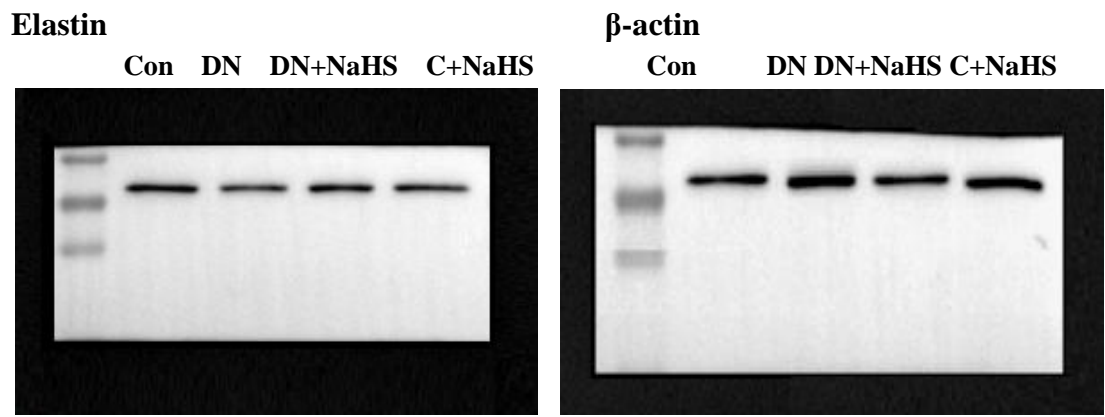


Figure S5. These two membranes about elastin (70 kD) and β -actin (42 kD) were cut from the same whole membrane according to the protein molecular weight indicated by the markers. The two blots as representative images were used for the Figure 6A in the manuscript file.

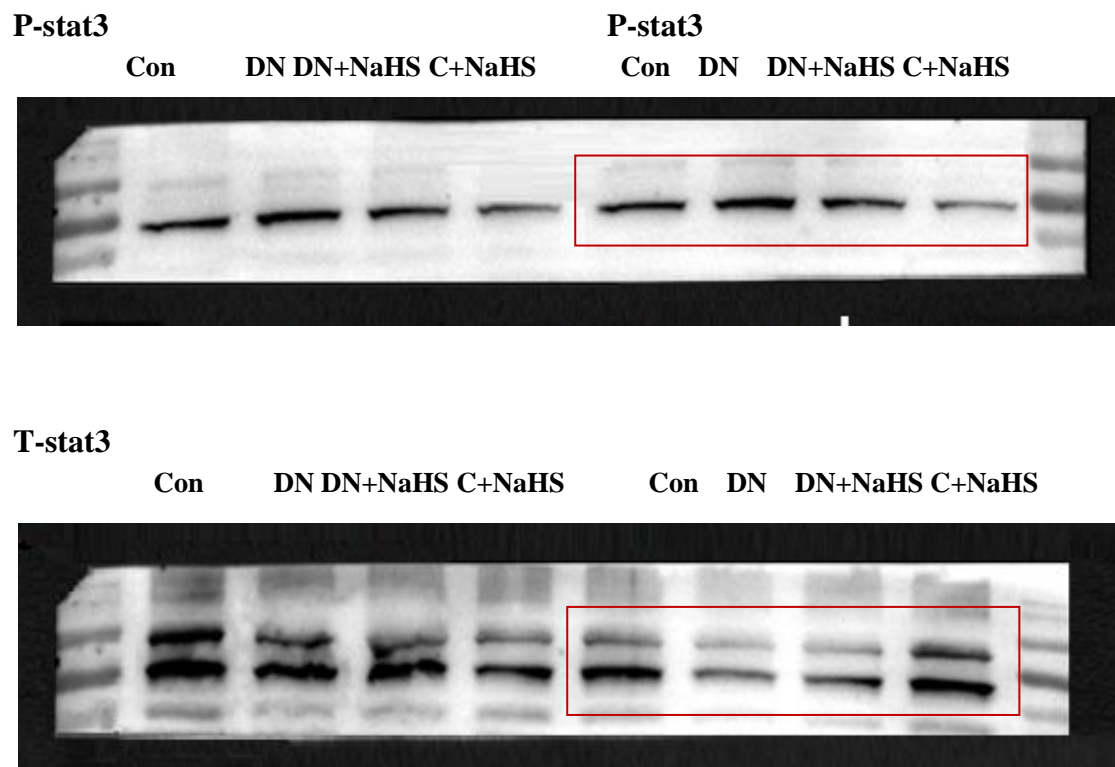


Figure S6. The membrane about the P-stat3 (80 kD) blot were cut from the whole membrane according to the protein molecular weight indicated by the markers. The same membrane was used again for getting the T-stat3 (80 kD) blot after removal of the primary antibody P-stat3 by using stripping buffer. The marked in red blots as representative images were used for the Figure 6B in the manuscript file.

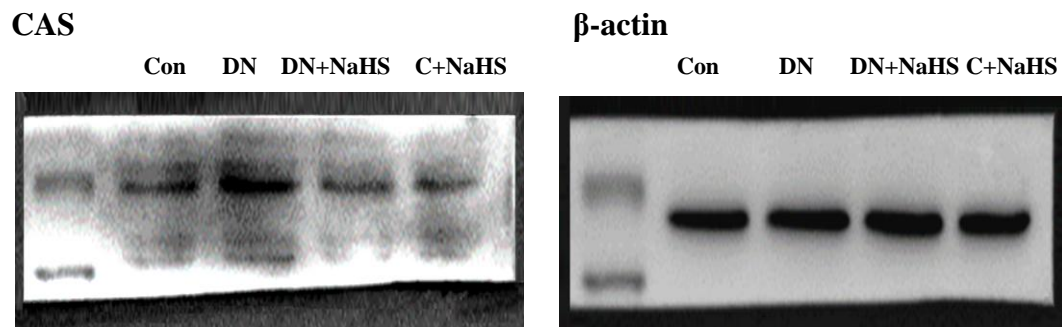


Figure S7. The CAS (37 kD) was cut from the whole membrane according to the protein molecular weight indicated by the markers. The same membrane was used again for getting the β -actin (42 kD) blot after removal of the primary antibody by using stripping buffer. The two blots as representative images were used for the Figure 6D in the manuscript file.

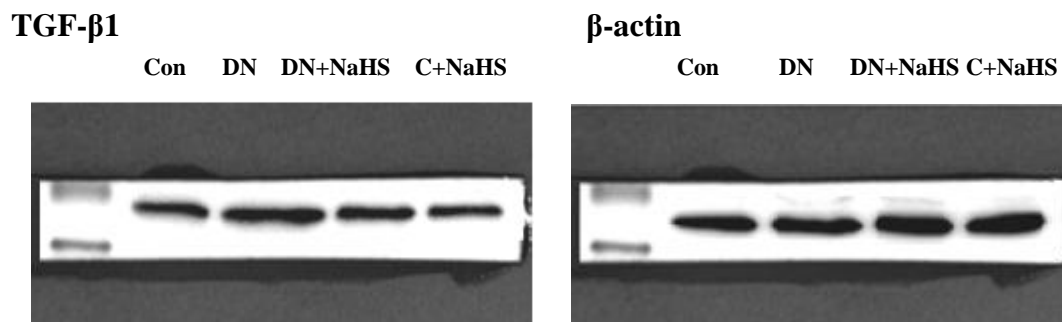


Figure S8. The TGF- β 1 (44 kD) was cut from the whole membrane according to the protein molecular weight indicated by the markers. The same membrane was used again for getting the β -actin (42 kD) blot after removal of the primary antibody by using stripping buffer. The two blots as representative images were used for the Figure 6E in the manuscript file.