

Supplementary Table S4. Statistical comparisons of PKC α protein expression levels across different treatment groups using the Kruskal–Wallis test followed by Dunn’s multiple comparison post hoc test. The table presents group means with standard deviations ($\pm$ SD), average ranks, differences in mean ranks between pairs, adjusted p-values, and corresponding significance indicators. Significance levels are denoted as ns (non-significant), * for $p < 0.05$ and *** for $p < 0.001$; values are corrected for multiple testing with an alpha level of 0.005.

	PKC α				
	Mean ₁ $\pm$ SD ₁ Mean ranks	Mean ₂ $\pm$ SD ₂ Mean ranks	Mean rank diff,	Adjusted P Value	Significance
Control vs negative control	32.42 $\pm$ 1.780 15.50	45.98 $\pm$ 4.352 25.50	-10.00	0.0318	*
Control vs antagomir-9 treated	32.42 $\pm$ 1.780 15.50	18.60 $\pm$ 2.570 5.500	10.00	0.0318	*
negative control vs antagomir-9 treated	45.98 $\pm$ 4.352 25.50	18.60 $\pm$ 2.570 5.500	20.00	<0.0001	***