

Supplementary Table S3. Multiple comparisons of protein expression levels of calbindin in different treatment groups, analyzed by Kruskal–Wallis test followed by Dunn’s post hoc test. For each pairwise comparison the table shows group means $\pm$ standard deviation (SD), mean ranks, mean rank differences, adjusted p-values, and significance levels. Significance is indicated as ns (non-significant), * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (adjusted for multiple comparisons, $\alpha = 0.05$).

	Calbindin									
	Cell body					Processes				
	Mean ₁ $\pm$ SD ₁ Mean	Mean ₂ $\pm$ SD ₂ Mean	Mean rank diff,	Adjusted P Value	Significance	Mean ₁ $\pm$ SD ₁ Mean	Mean ₂ $\pm$ SD ₂	Mean rank diff,	Adjusted P Value	Significance
Control vs negative control	21.67 $\pm$ 1.803 19.83	25.36 $\pm$ 5.506 23.83	-4.000	>0.9999	ns	14.31 $\pm$ 2.032 22.36	15.11 $\pm$ 1.281 27.17	-4.810	0.8086	ns
Control vs antagomir-9 treated	21.67 $\pm$ 1.803 19.83	20.15 $\pm$ 2.055 11.83	8.000	0.1841	ns	14.31 $\pm$ 2.032 22.36	11.78 $\pm$ 0.2725 8.500	13.86	0.0044	**
negative control vs antagomir-9 treated	25.36 $\pm$ 5.506 23.83	20.15 $\pm$ 2.055 11.83	12.000	0.0150	*	15.11 $\pm$ 1.281 27.17	11.78 $\pm$ 0.2725 8.500	18.67	0.0001	***