

TABLE 1. *A comparison of the electrophysiological properties of giant cells and CA3 pyramidal neurons recorded at 22–24°C*

	Recorded Neurons	
	Giant cells	Pyramidal cells
Resting membrane potential, mV	-57 ± 1.2	-58 ± 1.2
Input resistance, M Ω	$595 \pm 224^*$	307 ± 98
Membrane time constant, ms	67 ± 23	71 ± 3.3
Firing threshold, mV	-35 ± 3.2	-35 ± 2.0
AP amplitude, mV	76 ± 7.5	80 ± 4.6
AP duration, ms	$1.1 \pm 0.1^*$	1.7 ± 0.4
Rectification ratio	1.2 ± 0.1	1.1 ± 0.01

Values are means \pm SD. Number of cells in Giant cells is 28 and in Pyramidal cells is 9. AP, action potential. * Significantly different from pyramidal cells ($P < 0.05$).