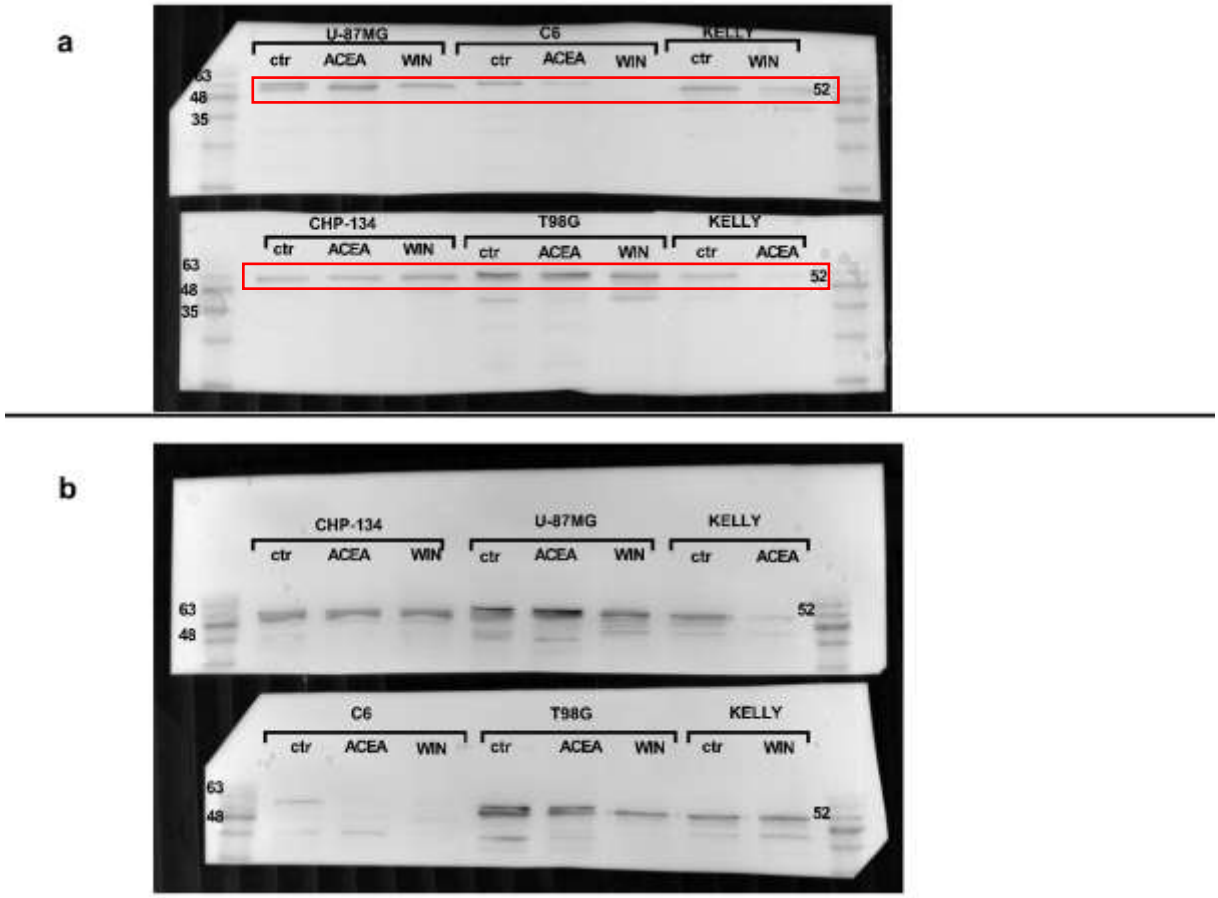

Figure S17. Western blots illustrating cannabinoid CB_1 receptor protein expression in neuroblastoma (CHP-134 and KELLY) and glioblastoma (T98G, U-87MG and C6) cell lines treated with either culture medium (ctr), ACEA and WIN 55,212-2 mesylate (at their respective IC_{50} concentrations), where: ctr – control; ACEA – arachidonyl-2'-chloroethylamide; WIN – WIN 55,212-2 mesylate.
(a) – blots from the first independent experiment.
(b) – blots from the second independent experiment.
Each experiment (a, b) consisted of two membranes. Each blot contains a prestained protein molecular weight marker (Perfect™ Tricolor Protein Ladder, EURx, Poland; E3210-01) as a size standard. The ladder contains proteins with molecular weights of 11, 17, 20, 25, 35, 48, 63, 75, 100, 135, 180, and 245 kDa. To illustrate the cannabinoid CB_1 receptor protein (52 kDa) on each blot we have marked ladder positions for 48 and 63 kDa. Cannabinoid CB_1 receptor: #PA1-743, Invitrogen (Massachusetts, USA). Blot signal cannabinoid CB_1 receptor (52 kDa) is slightly above the Blot Marker band of 48 kDa. The respective cell lines have been indicated by placing their symbols above the blots.
Red frames indicate the bands presented in the main text (Figure 7).

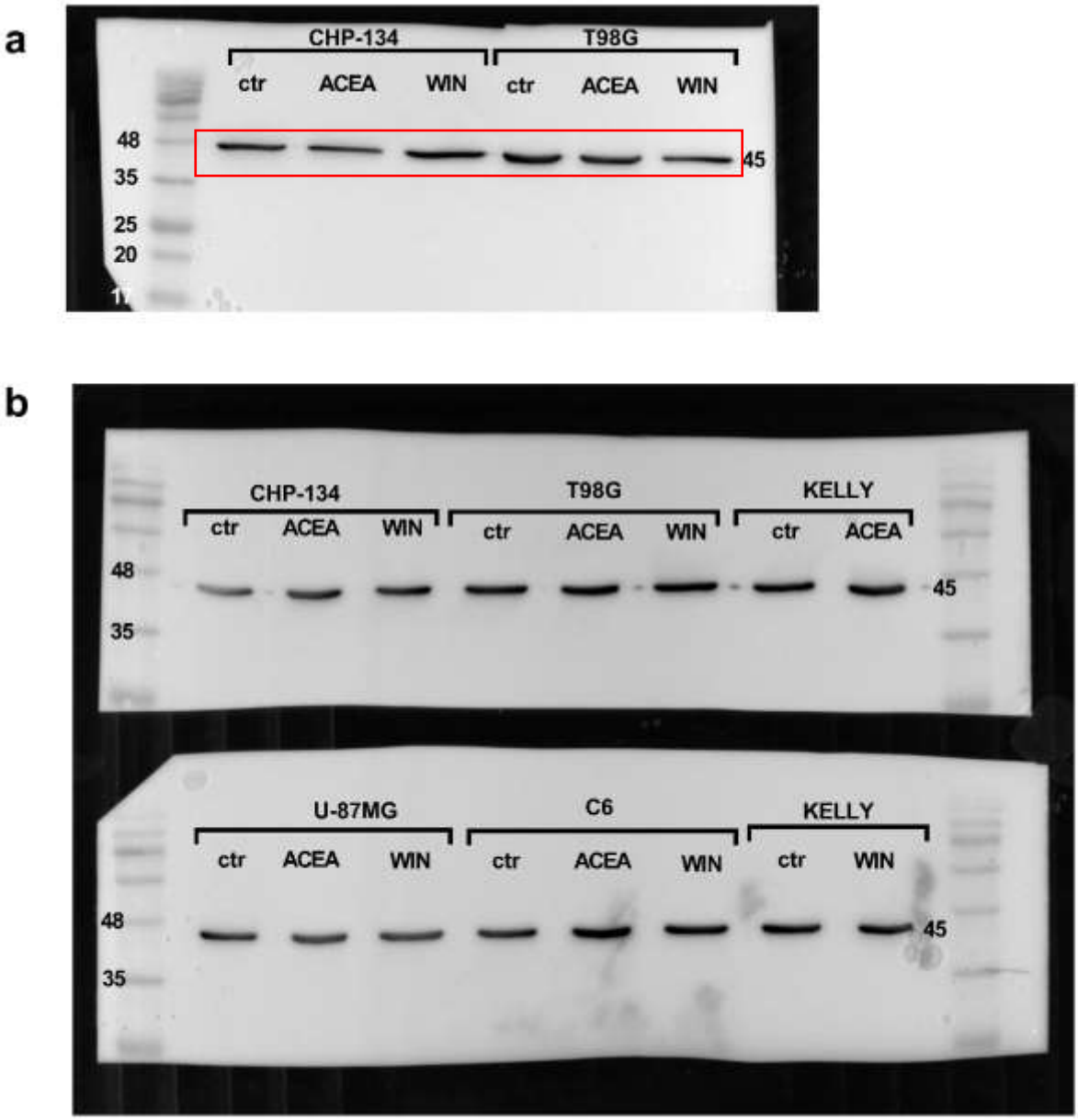

Figure S18. Western blots illustrating β-actin expression in the tested cell lines treated with either culture medium (ctr), ACEA and WIN 55,212-2 mesylate at their respective IC_{50} concentrations, where: ctr – control; ACEA – arachidonyl-2'-chloroethylamide; WIN – WIN 55,212-2 mesylate.
(a) – blot from the first independent experiment, in which the membrane illustrates CHP-134 and T98G cell lines.
(b) – blot from the second independent experiment, in which the membrane displays CHP-134, U-87MG, C6, T98G and KELLY cell lines.
Each blot contains a prestained protein molecular weight marker (Perfect™ Tricolor Protein Ladder, EURx, Poland; E3210-01) as a size standard. The ladder contains proteins with molecular weights of 11, 17, 20, 25, 35, 48, 63, 75, 100, 135, 180, and 245 kDa. To illustrate β-actin protein (45 kDa) on each blot we have marked ladder positions for 35 and 48 kDa. beta-Actin Antibody #4967, Cell Signaling). Blot signal for β-actin (45 kDa) is slightly below the Blot Marker band of 48 kDa.
The respective cell lines have been indicated by placing their symbols above the blots.
Red frame indicates the bands presented in the main text (Figure 8).

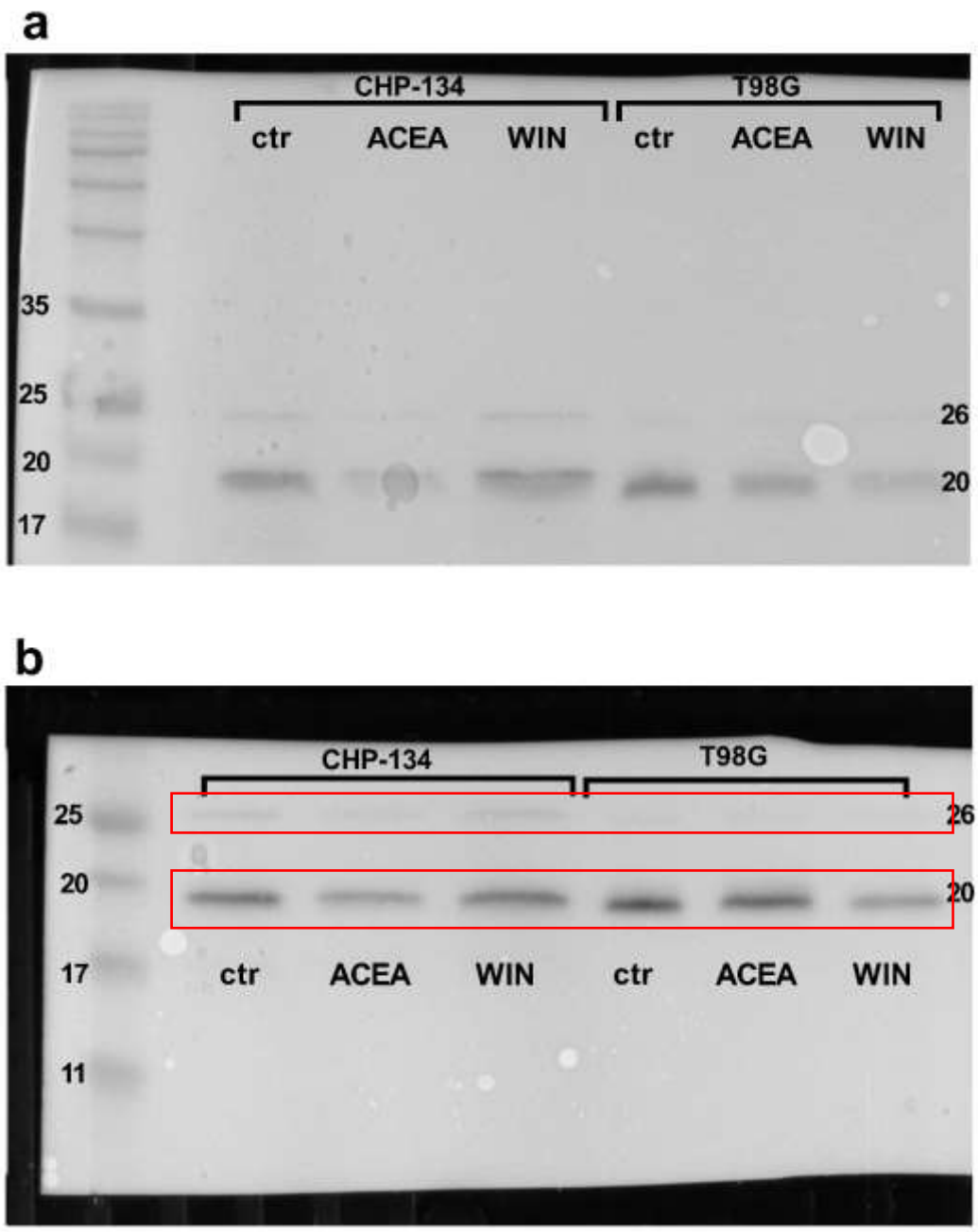

Figure S19. Western blots illustrating Bcl-2 and Bax protein expression in neuroblastoma (CHP-134) and glioblastoma (T98G) cell lines treated with either culture medium (ctr), ACEA and WIN 55,212-2 mesylate (at their respective IC_{50} concentrations), where: ctr – control; ACEA – arachidonyl-2'-chloroethylamide; WIN – WIN 55,212-2 mesylate.
(a) – blot from the first independent experiment.
(b) – blot from the second independent experiment.
Each blot contains a prestained protein molecular weight marker (Perfect™ Tricolor Protein Ladder, EURx, Poland; E3210-01) as a size standard. The ladder contains proteins with molecular weights of 11, 17, 20, 25, 35, 48, 63, 75, 100, 135, 180, and 245 kDa. To illustrate blot signal for Bax (20 kDa) and blot signal for Bcl-2 (26 kDa) on each blot we have marked ladder positions for 17, 20, and 25 kDa. Blot signal Bcl-2 (26 kDa) is slightly above the Blot Marker band of 25 kDa and blot signal Bax (20 kDa) is at the height of the Blot Marker band of 20 kDa.
Bcl-2 (124) Mouse Monoclonal Antibody #15071, Cell Signaling (26 kDa); Bax (E4U1V) Rabbit Monoclonal Antibody #41162, Cell Signaling (20 kDa).
Red frames indicate the bands presented in the main text (Figure 8).