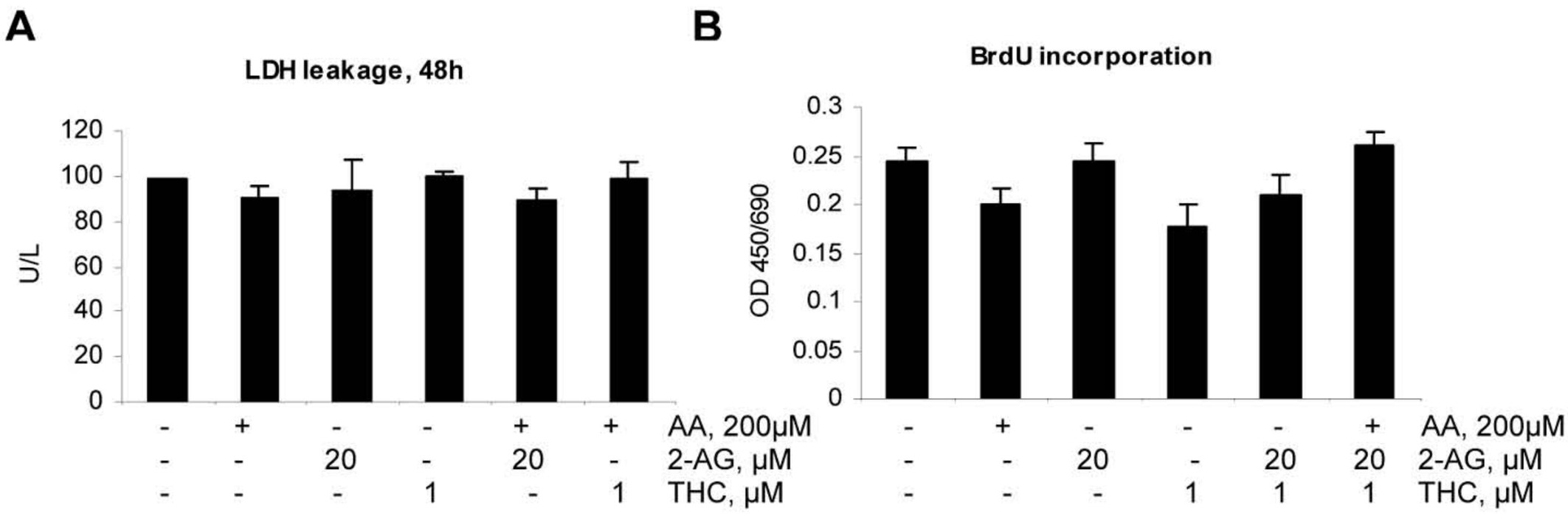
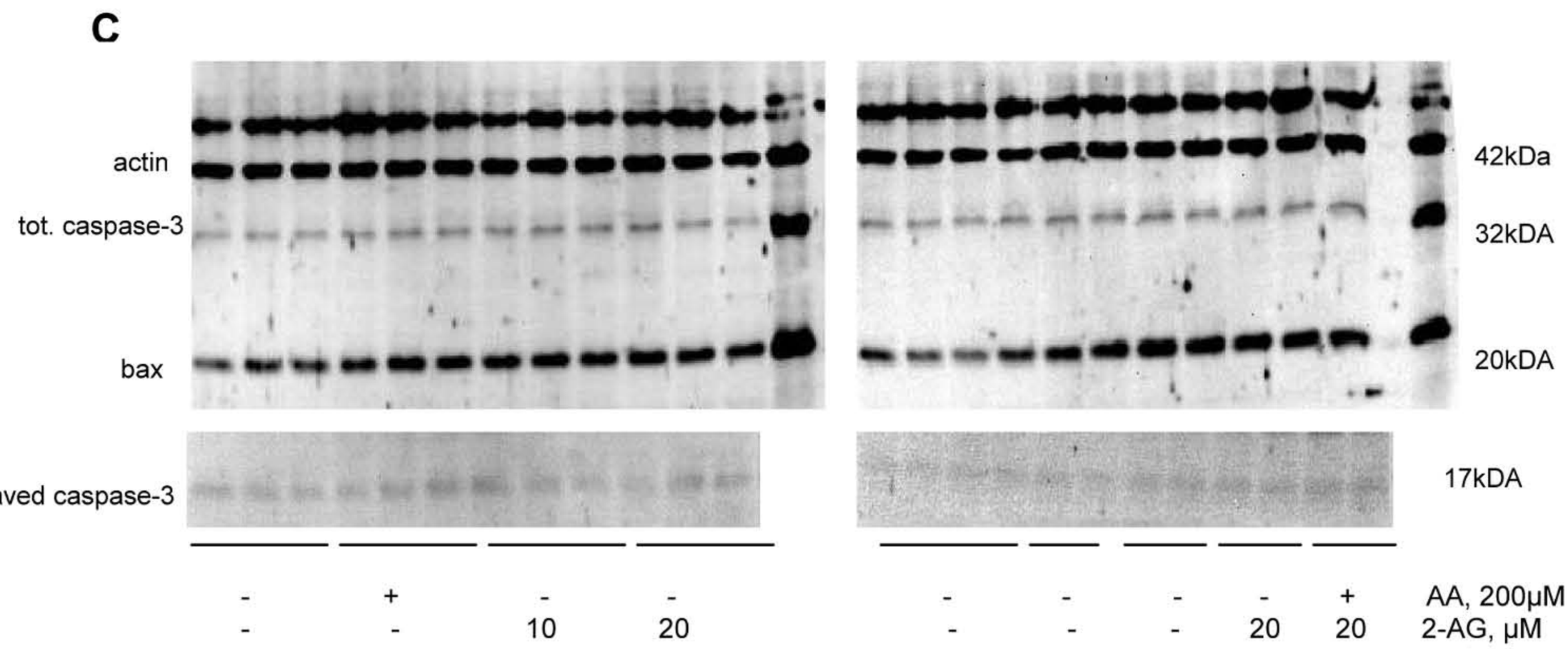
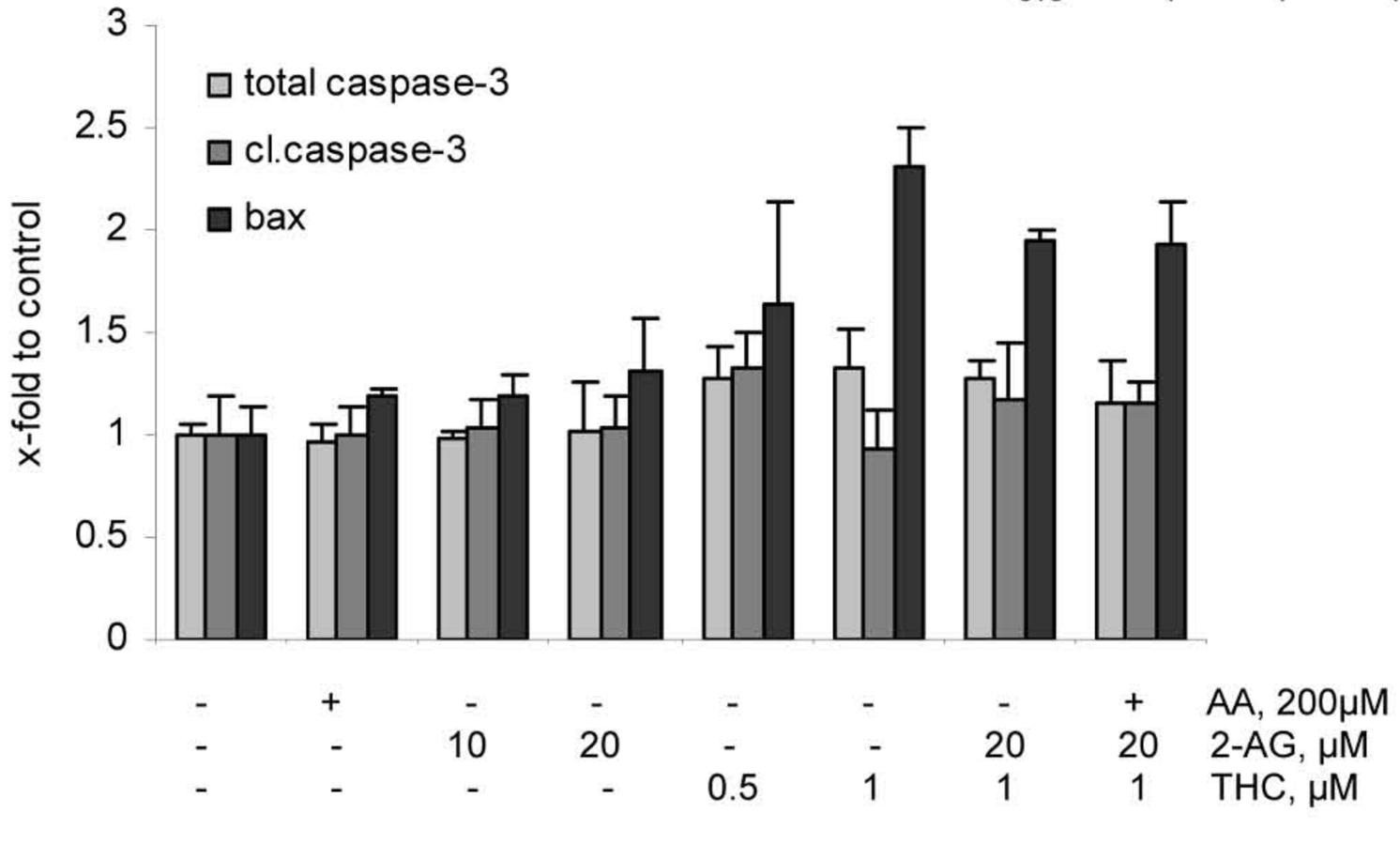
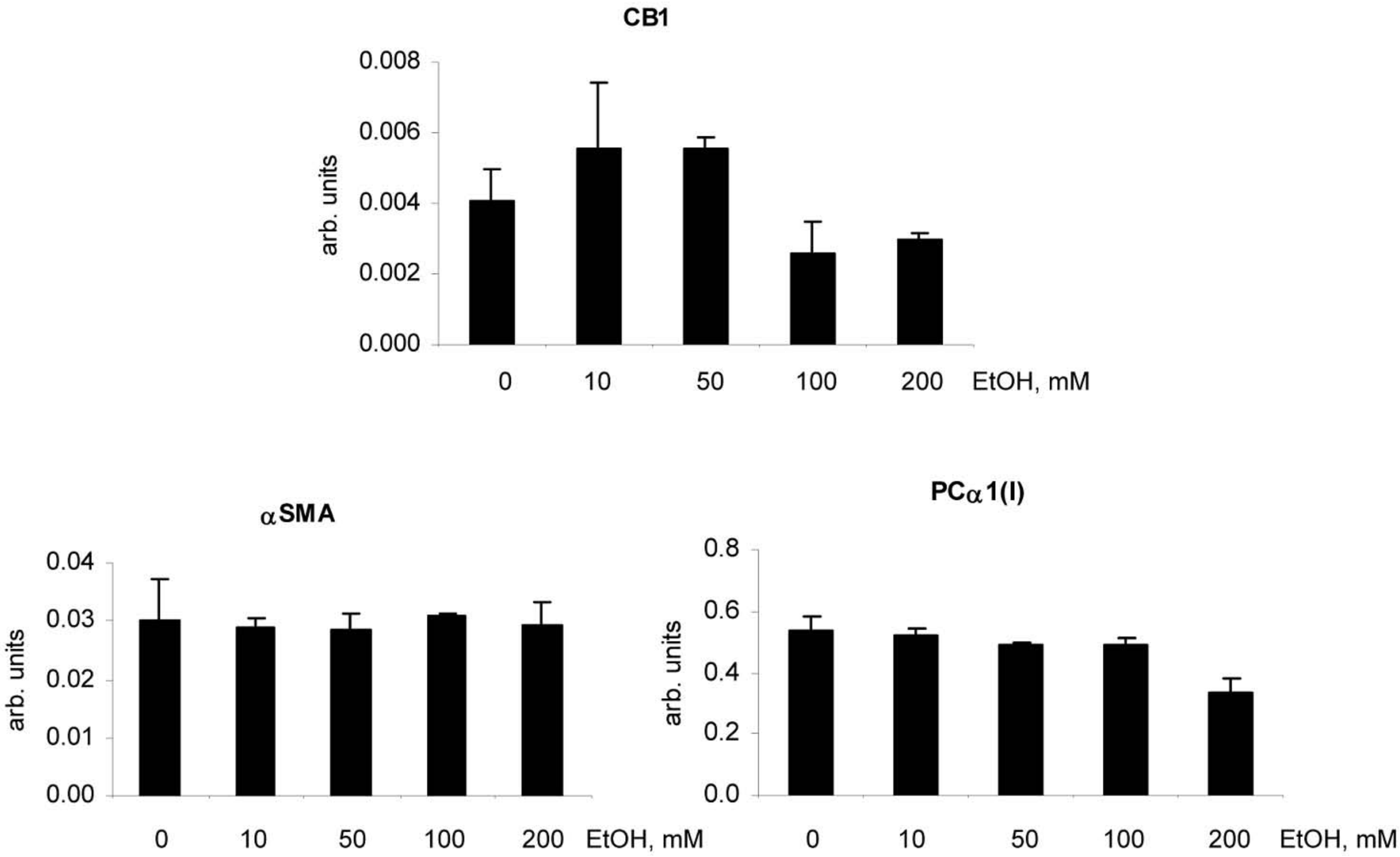
Supplementary Figure 1. *The effects of endo- and exocannabinoids on HSC proliferation and apoptosis.* (**A**) LDH leakage after 48 h, (B) DNA synthesis (BrdU incorporation) and (C) caspase-3 and bax, measured by Western Blotting after 24 h treatment with 2-AG or THC alone, or in combination with AA (means ± SD).







Supplementary Figure 2. *The effect of EtOH on HSC gene expression.* CB1, PCα1(I) and αSMA mRNA expression, measured by TaqMan PCR and normalized to GAPDH. (means ± SD).



Supplementary Table 1 Primers and probes used for TaqMan PCR

Target gene*	5´-Primer	Probe	3´-Primer
CB1 (h)	TCCGCATGATTCAGCGTG	CCCAGAAGAGCATCATCATCCACACG	ACCTGTACCTTCCCATCCTCA
CB1 (r)	GACTTCCATGTATTCCACCGTAAAG	CAGCCCCAATGTGTTTCTGTTC	GGCTGTAACCCCACCCAGTT
CB2 (h)	CCGCCATTGACCGATACCT	TGCCTGCGCTATCCACCTTC	ACGGGTGAGCAGAGCTTTGT
PC α1(I) (h)	CAGCCGCTTCACCTACAG	TGGCTGCACGAGTCACACCGG	GGTTTTGTATTCAATCACTGTCTT
PC α1(I) (m)	TCCGGCTCCTGCTCCTCTTA	TTCTTGGCCATGCGTCAGGAGGG	GTATGCAGCTGACTTCAGGGATGT
PC α1(I) (r)	TCCGGCTCCTGCTCCTCTTA	TTCTTGGCCATGCGTCAGGAGGG	GTATGCAGCTGACTTCAGGGATGT
αSMA (r)	GCTGACAGGATGCAGAAGGA	CACCATGAAGATCAAGATTATTGCTCCTCCAG	GCCGATCCAGACAGAATATTTG
αSMA (m)	ACAGCCCTCGCACCCA	CAAGATCATTGCCCCTCCAGAACGC	GCCACCGATCCAGACAGAGT
TIMP-1 (m)	TCCTCTTGTTGCTATCACTGATAGCTT	TTCTGCAACTCGGACCTGGTCATAAGG	CGCTGGTATAAGGTGGTCTCGTT
TIMP-1 (r)	TCCTCTTGTTGCTATCATTGATAGCTT	TTCTGCAACTCGGACCTGGTTATAAGG	CGCTGGTATAAGGTGGTCTCGAT
TGFβ1 (m)	AGAGGTCACCCGCGTGCTAA	ACCGCAACAACGCCATCTATGAGAAAACCA	TCCCGAATGTCTGACGTATTGA
TGFβ1 (r)	AGAAGTCACCCGCGTGCTAA	ACCGCAACAACGCAATCTATGACAAAACCA	TCCCGAATGTCTGACGTATTGA
MMP-3 (m)	GATGAACGATGGACAGAGGATG	TGGTACCAACCTATTCCTGGTTGCTGC	AGGGAGTGGCCAAGTTCATG
MMP-2 (m)	CCGAGGACTATGACCGGGATAA	TCTGCCCCGAGACCGCTATGTCCA	CTTGTTGCCCAGGAAAGTGAAG
MMP-13 (m)	GGAAGACCCTCTTCTTCTCT	TCTGGTTAACATCATCATAACTCCACACGT	TCATAGACAGCATCTACTTTGTT
COX-2 (m)	CAAGCAGTGGCAAAGGCCT	CATTGACCAGAGCAGAGAGATGAAATACCAGTC	GCGTTTGCGGTACTCATTGA
TNFα (m)	GACCAGGCTGTCGCTACATCA	TGAACCTCTGCTCCCCACGGGA	GTAGGGCGATTACAGTCACGG
iNOS (m)	GGCAGCCTGTGAGACCTTTG	TGTCCGAAGCAAACATCACATTCAGATCC	TTGCATTGGAAGTGAAGCGTT
GAPDH (h)	CCAGGAAATGAGCTTGACAAAGTT	TCGTTGAGGGCAATGCCAGCC	CTCCTCCACCTTTGACGCTG
GAPDH (r)	CTGCCAAGTATGATGACATCAAGAA	TCGGCCGCCTGCTTCACCA	AGCCCAGGATGCCCTTTAGT
GAPDH (m)	ACTGGCATGGCCTTCCG	TTCCTACCCCCAATGTGTCCGTCGT	CAGGCGGCACGTCAGATC

Abbreviations: αSMA – alpha smooth muscle actin; CB1/2 – cannabinoid receptors 1 and 2; COX-2 – cyclooxygenase-2; iNOS – inducible nitric oxide synthase; GAPDH -

glycerinaldehyd-3-phosphat-dehydrogenase; MMP – matrix metalloproteinase; PC α1(I) – procollagen alpha 1(I); TIMP-1 – tissue inhibitor of matrix metalloproteinase-1; TGFβ – transforming growth factor beta; TNFα – tumor necrosis factor alpha.

*CTGF (connective tissue growth factor), PDGF (platelet derived growth factor) and MMP-9 - ready to use kits from Qiagen (Hilden, Germany) for which the sequences were not provided.