

Supplemental Table 1. Description of the proteins examined, antibodies and dilutions used in the immunohistochemistry studies

Protein being examined	Name	Function	Antibody source	Host species	Optimised Primary Antibody Dilution	Reference
TRPV1	Transient receptor potential vanilloid 1	Ca ²⁺ ion channel/(endo) vanilloid receptor	Alomone labs Cat # ACC-030	Rabbit	1 in 200	This publication
GPR55	Orphan G-protein coupled receptor 55	Non-classical (endo) cannabinoid/ Lysophosphatidylinositol receptor	Novus Biologicals, cat # NB110-55498	Rabbit	1 in 200	28
CB1	Cannabinoid receptor isoform 1	Classical, original isoform of cannabinoid receptor from brain that binds (endo)cannabinoids	Sigma Life Sciences, cat #C1108	Rabbit	1 in 500	32,13
CB2	Cannabinoid receptor isoform 2	Classical, original isoform of cannabinoid receptor from spleen that binds (endo)cannabinoids	Sigma Life Sciences, cat #C1358	Rabbit	1 in 150	32,13
NAPE-PLD	N-acylphosphatidylethanolamine-selective phospholipase D	Synthesis of <i>N</i> -acylethanolamines such as AEA	Sigma Life Sciences, cat # HPA024338	Rabbit	1 in 50	8
FAAH	Fatty acid amide hydrolase	Catabolism of <i>N</i> -acylethanolamines such as AEA	Alpha Diagnostics International, cat # FAAH11-s	Rabbit	1 in 2000	32,8
Ki-67	Proliferation Marker Protein Ki-67/ MiB-1	Proliferation marker associated with cellular mitosis	Novocastra, Cat # NCL-Ki-67-MM1)	Mouse	1 in 150	34
BAX	BCL2 Associated X, Apoptosis Regulator	Pro-apoptosis inducer through permeabilisation of mitochondrial membranes	Santa Cruz Biotechnology, Cat # SC-493	Rabbit	1 in 200	33
Bcl-2	Apoptosis Regulator BCL2	Proto-oncogene that prevents ROS activated cell death	Santa Cruz Biotechnology, Cat # SC-7382	Mouse	1 in 25	33

ROS=reactive oxidation species

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