

Tortoriello *et al.* - Table SI
(Revision, MS ID#: EMBOJ-2013-86035)

Marker	Host	Western	IHC/ICC	Source
Acetylated α -tubulin	mouse	1:5,000	1:3,000	Sigma-Aldrich
β -III-tubulin	mouse		1:2,000	Promega
β -actin	mouse	1:2,000		Sigma-Aldrich
CB ₁ R	goat	1:1,000	1:1,000	M. Watanabe
phospho-CB ₁ R	goat	1:250		Santa Cruz
CRMP-2	mouse		1:1,000	IBL-AMERICA
DAGL α	guinea pig	1:500		K. Mackie
Erk1/2	rabbit	1:800		Cell Signaling
phospho-Erk1/2	rabbit	1:800		Cell Signaling
Gapdh	rabbit	1:6,000		Cell Signaling
GFP	rat	1:1,000		Synaptic Systems
L1-NCAM	rat		1:1,000	Millipore
MAP-2	mouse		1:500	Millipore
MGL	rabbit	1:1,000		K. Mackie
Phalloidin (F-actin)			1:500	Invitrogen
PSD95	rabbit		1:500	Synaptic Systems
SAPK/JNK	rabbit	1:1,000		Cell Signaling
phospho-SAPK/JNK	rabbit	1:1,000		Cell Signaling
SCG10/stathmin-2	rabbit	1:1,000	1:1,000	Novus Biologicals
SCG10/stathmin-2	mouse		1:1,000	NeuroMab
VACHT	rabbit	1:1,000		Synaptic Systems
VGAT	rabbit	1:1,000		Synaptic Systems
VGLUT1	rabbit	1:1,000		Synaptic Systems

(1 column)

Table S1 **Antibodies used for Western blotting and immunofluorescence histochemistry.** Hosts, application-specific dilution, and suppliers of the antibodies deployed in this study were listed. Dr. M. Watanabe (Department of Anatomy, Hokkaido University School of Medicine, Sapporo, Japan) provided anti-CB₁R antibodies (Kawamura *et al*, 2006). Anti-DAGL α and anti-MGL antibodies were from Dr. K. Mackie (Gill Center, Indiana University, IN, USA). Target selectivity of the SCG10 antibodies is shown in Supplementary Fig. S3D.

Kawamura Y, Fukaya M, Maejima T, Yoshida T, Miura E, Watanabe M, Ohno-Shosaku T, and Kano M (2006) The CB1 cannabinoid receptor is the major cannabinoid receptor at excitatory presynaptic sites in the hippocampus and cerebellum. *J Neurosci* **26**: 2991-3001