

12. ABBREVIATION

2-APB	2-aminoethoxydiphenyl borate
APS	Amonium per sulphate
Amp	Ampicillin
ATP	Adenosine tri phosphate
BDNF	Brain-derived neurotrophic factor
Bp	Base pair
BSA	Bovine serum Albumin
CAP	Capsaicin
cDNA	complementary DNA
CNS	Central Nervous System
DNA	Deoxyribonucleic acid
Dnase	Deoxyribonuclease
ddNTP	2',3'-Dideoxyribonuceotid triphosphate
DMS	Dimethyl Suberimidate
DMSO	Dimethyl Sulfoxide
dNTP	deoxy Nucleotide Tri Phosphate
DRG	Dorso root ganglion
DTT	Dithiotheretol
ECL	Enhanced Chemiluminescent
EGF	Epidermal Growth factor
EGTA	Ethylene glycol bis (2-aminoethyl ether)-N, N, N'N'-tetraacetic acid
ER	Endoplasmic Reticulam
EtBr	Ethidium Bromide
FCS	Fetal calf Serum
GAP43	Growth Cone Associated Protein 43 Kd
GFP	Green Fluorescence Protein
GTP	Guanine Tri Phosphate
HEPES	4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid
HRP	Horseradish Peroxidase
IPTG	Iso-propyl thio-galactoside
Kb	Kilo base
kDa	Kilo Dalton
LB Broth	Luria-Bertani broth
MALDI	Matrix assisted laser desorption/ionization
MALDI-MS	Matrix assisted laser desorption/ionization-mass spectrometry.
MAP2a/b	Microtubule Associated Protein 2a and 2b
MBP	Maltose Binding Protein
MS	Mass spectrometry
NADA	N-Arachidonoyldopamine
NAE	C18 N-acylethanolamine

NCBI	National Center for Biotechnology Information
NEB	New England Biolab
NF	Neurofilament
NGF	Nerve Growth Factor
NGS	Normal Goat Serum
NMDA	N-Methyl-D-Aspartate
OLDA	N-Oleoyldopamine
PAGE	Poly Acrylamide Gel Electrophoresis
PAM	Point Accepted Mutations
PBS	Phosphate buffer saline
PCR	Polymerase Chain Reaction
PDZ	<u>P</u> SD95, <u>D</u> isk-Large, <u>Z</u> ona occludens-1
PFA	Paraformaldehyde
PI	Propidium Iodide
pI	Isoelectric point
PIPES	Piperazine-1,4-bis(2-ethanesulphonic acid)
PKA	Protein Kinase A
PKC	Protein Kinase C
PSD	Post source Decay
PSD	Post synaptic density
RPM	Revolution-Per-Minute
RTX	Resinefera Toxin
SDS	Sodium Dodecyl Sulphate
SDM	Sodium Dodecyl Maltocide
TAE	Tris-Acetic Acid-EDTA
TEMED	N,N,N',N'-Tetramethylethylenediamine
Tris	Tris Hydroxymethylaminoethane
TRP	Transient Receptor Potential
TRPV1	Transient Receptor Potential Vanilloid subtype 1
VR1	Vannilloid Receptor sub type 1
v/v	Volume per volume
w/v	Weight per volume