

Abbreviations

ACTH	Adrenocorticotropic Hormone
AP-3	Adaptor Protein-3
BCIP	5-Bromo-4-Chloro-3'-Indolyphosphate p-toluidine
BT	7-(2-amino-2-carboxyethyl)-5-hydroxy-2H-1,4-benzothiazine
BZ	6-(2-amino-2-carboxyethyl)-4-hydroxy-benzothiazole
cAMP	cyclic Adenosine MonoPhosphate
CHS	Chediak-Higashi Syndrome
CREB	cAMP-response element binding
DAPI	4',6-diamidino-2-phenylindole
DCFH-DA	2',7'-dichlorfluorescein-diacetate
DOPA	3,4-Dihydroxy Phenyl Alanine
DQ	Dopaquinone
EDTA	Ethylene Diaminete Tetra Acetic acid
EEA1	Early Endosome Associated protein 1
EGF	Epidermal growth factor
EGFP	Enhanced Green Fluorescent Protein
ENTH	Epsin N-Terminal Homology
ER	Endoplasmic Reticulum
ERAD	ER Associated Degradation
GS	Griscelli Syndrome
HPS	Hermansky-Pudlak Syndrome
IL	Interleukin
MC1-R	Melanocortin Receptor 1
MITF	Microphthalmia-associated Transcription Factor
Mlph	Melanophilin
MSH	Melanocyte Stimulating Hormone
MTT	3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NAT 1	N-acetyltransferase 1
NBT	Nitro Blue Tetrazolium Chloride
NCC	Neural Crest Cell
OCA1	Oculocutaneous Albinism I
ODHBT	7-(2-amino-2-carboxylethyl)-5-hydroxy-3-oxo-3,4-dihydro-2H-1,4-benzothiazine

PAGE	Poly Acrylamide Electro Gel Electrophoresis
PAH	Phenylalanine Hydroxylase
PC 1	Prohormone Convertases 1
PC 2	Prohormone Convertases 2
PDI	Protein Disulfide Isomerase
PH	Pleckstrin homology
PJS	Peutz-Jeghers Syndrome
PKA	Protein Kinase A
PKC- β	Protein Kinase C β
PLC δ	Phospholipase C δ
POMC	Pro-opiomelanocortin
p-PD	para-Phenylenediamine
PtdIns	Phosphatidylinositol Phosphate
PVDF	Polyvinylidene fluoride
PX	Phox homology
QI	ortho-Quinonimine
ROS	Reactive Oxygen Species
SDS	Sodium Dodecyl Sulphate
SNARE	Soluble NSF Attachment Protein
TEMED	N, N, N', N'-Tetra Methyl Ethylene Diamine
TGF	Transforming Growth Factor
TGN	Trans Golgi Network
THI	Tyrosine Hydroxylase Isoform 1
TNF	Tumor Necrosis Factor
TRP1	Tyrosinase Related Protein 1
TRP2	Tyrosinase Related Protein 2
Tyr	Tyrosinase
UV	Ultra Violet