

Abkürzungen

A-SMase	Saure Sphingomyelinase
AP-1	Activator protein-1
Apaf-1	Apoptotic protease activating factor
BH	Bcl-2-Homologie-Domäne
BSA	Bovine Serum Albumine (Albumin aus Rinderserum)
CAD	Caspase-aktivierte Desoxyribonuklease
CAPK	Ceramid-aktivierte Proteinkinase
CAPP	Ceramid-aktivierte Proteinphosphatase
ced	cell death gene
D-MAPP	<i>D-erythro</i> -Myristoylamino-phenylpropanol
DAG	Diacylglycerol
DAXX	Fas death domain associated protein
DD	Death domaine (Todesdomäne)
DFF	DNA fragmentation factor
DISC	Death inducing signalling complex
DTT	Dithiothreitol
DMSO	Dimethylsulfoxid
EDTA	Ethylendiamintetraacetat
EGF	Epidermal growth factor
ELISA	Enzyme-Linked-Immuno-Sorbent-Assay (Enzym-gekoppelter Immun-Adsorptionstest)
ERK	extrazellulär regulierte Kinase, synonym zu MAPK
FADD	Fas associated protein with death domain
FAN	Factor associated with N-SMase activation
f.c.	final concentration
FCS	Fetal Calf Serum (fötales Kälberserum)
HRE	Hormone response elements
ICAD	Inhibitor der Caspase-aktivierten Desoxyribonuklease
ICE	Interleukin 1 β -converting enzyme
IFN γ	Interferon γ
I κ B	Inhibitor of κ B
IL	Interleukin
JNK	c-Jun-NH ₂ -terminale Kinasen, synonym zu SAPK
KBM	Keratinocyte Basal Medium
KGM	Keratinocyte Growth Medium
kDa	kilo Dalton
KSR	Kinase-Suppressor von Ras

Abkürzungen

mA	Milliampere
MAPK	Mitogen aktivierte Proteinkinase
MEK	MAP/ERK-Kinase
mM	Millimol pro Liter
μ M	Micromol pro Liter
NBD	7-Nitrobenz-2-oxa-1,3-diazol
N-SMase	neutrale Sphingomyelinase
NF- κ B	Nuclear factor κ B
NGF	Nerve growth factor
NSD	N-SMase activating domain
PARP	Poly(ADP)ribose-Polymerase
PBS	Phosphate Buffered Saline (Phosphat-gepufferte Kochsalzlösung)
PCD	Programmed cell death
PDGF	Platelet derived growth factor
PDMP	1-Phenyl-2-decanoylamino-3-morpholino-1-propanol
PKC	Proteinkinase
PLA ₂	Phospholipase A ₂
PLD	Phospholipase D
PMSF	Phenylmethylsulfonylfluorid
PTH	Parathyroidhormon
RAIDD	Rip-associated ICH-1/ced-3 homologous protein with death protein
RAR	Rezeptor für All-trans-Retinsäure
Ras	Rat sarcoma
Rb	Retinoblastom-Genprodukt
RIP	Receptor interacting protein
ROS	Reactive oxygen species
RPMI	Roswell Park Memorial Institute
RT	Raumtemperatur
RXR	Rezeptor für 9-cis-Vitamin A-Säure
SAPK	Stress aktivierte Proteinkinasen
S.D.	Standard deviation (Standardabweichung)
SDS	Sodiumdodecylsulfat
SM	Sphingomyelin
T ₃	3,5,3'-Triiodthyronin
TEMED	N,N,N',N'-Tetramethylethyldiamin
TGF	Transforming growth factor
TNF	Tumornekrosefaktor
TRADD	TNF receptor associated protein with death domain
TRAF 2	TNF receptor associated factor

Abkürzungen

Tris	Tris-(hydroxymethyl)-aminomethan
U	Unit (Enzymeinheit)
Upm	Umdrehungen pro Minute
UV	Ultraviolettes Licht
VD	1 α ,25-Dihydroxyvitamin D ₃
VDR	Vitamin D-Rezeptor
VDRE	Vitamin D responsive elements
v/v	Volumen pro Volumen (Prozentangabe)
w/v	Gewicht pro Volumen, 1 g in 100 ml (Prozentangabe)