Hippo Signaling Pathway

Wnt Signaling Pathway

TGF-β Signaling Pathway

HIPPO Signaling Pathway

WNT
Fzd
DVL
CK1δ/ε
TAZ
14-3-3
GSK-3β
+p
β-Catenin
APC
Axin
F-actin
Adherens Junction
E-Cad
E-Cad
α-Catenin
14-3-3
YAP/TAZ
14-3-3
Cytoplastic Retention
Cell contact Inhibition Organize control

BMPs
BMPRs
TGF-β
TGF-βR
+p
+p
Smad1
Smad2/3
Smad4
Smad4
Yap
Smad7
Cellular Stress

?
KIBRA
Mer
FRMD
RASSF6
RASSF1A
Mst1/2
SAV1
-p
+p
+p
Lats1/2
Mob
+p
YAP/TAZ
-p
PP1
ASPP2
bTrCP
CK1δ/ε
Ubiquitin-Mediated Proteolysis
Degradation

Par6
Par3
aPKC
Tight Junction
PATJ
Crb
Crb
Pals1
AMDT
YAP/TAZ
Adherens Junction
Ajub
E-Cad
E-Cad
Scrib
Dlg
Scrib

YAP
TCF/LEF
TEAD
YAP
Smad1
Smad4
YAP/TAZ
Smad2/3
Smad4
YAP/TAZ
?
YAP/TAZ
TEAD
YAP/TAZ
p73

DNA DNA DNA DNA DNA DNA

Birc2/5 Sox2 myc Anix2 Slug cycD Nkd1
Id1 Id2
CTGF Smad7 Pai-1
FGF1
AFP ITGB2
AREG Birc5
CTGF Gli2
PUMA
Proapoptotic Genes

Anti-Apoptotic Genes Pro-Proliferation Genes

BOSTER
antibody and ELISA experts

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Hippo Signaling Pathway

For more pathways, please visit :
www.bosterbio.com/pathways

Binding
Regulation
Modification
Expression
Related Pathway
Transport
Reaction
Membership
Unknown Relation