

兔抗 FOXO1/3/4(Phospho-Thr24/32) 多克隆抗体

中文名称：兔抗 FOXO1/3/4(Phospho-Thr24/32) 多克隆抗体

英文名称：Anti-FOXO1/3/4(Phospho-Thr24/32) rabbit polyclonal antibody

别名：FKH1; FKHR; FOXO1A/FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2/AFX; AFX1; MLLT7

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

抗原：FOXO1/3/4(Phospho-Thr24/32)

反应种属：Human Mouse

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

Transcription factor that is the main target of insulin signaling and regulates metabolic homeostasis in response to oxidative stress. Binds to the insulin response element (IRE) with consensus sequence 5'-TT[G/A]TTTGG-3' and the related Daf-16 family binding element (DBE) with consensus sequence 5'-TT[G/A]TTTAC-3'. Activity suppressed by insulin. Main regulator of redox balance and osteoblast numbers and controls bone mass. O

	orchestrates the endocrine function of the skeleton in regulating glucose metabolism. Acts synergistically with ATF4 to suppress osteocalcin/BGLAP activity, increasing glucose levels and triggering glucose intolerance and insulin insensitivity. Also suppresses the transcriptional activity of RUNX2, an upstream activator of osteocalcin/BGLAP. In hepatocytes, promotes gluconeogenesis by acting together with PPARGC1A to activate the expression of genes such as IGFBP1, G6PC and PPCK1. Important regulator of cell death acting downstream of CDK1, PKB/AKT1 and SKT4/MST1. Promotes neural cell death. Mediates insulin action on adipose. Regulates the expression of adipogenic genes such as PPARG during preadipocyte differentiation and, adipocyte size and adipose tissue-specific gene expression in response to excessive calorie intake. Regulates the transcriptional activity of GADD45A and repair of nitric oxide-damaged DNA in beta-cells.
Applications:	WB
Name of antibody:	FOXO1/3/4(Phospho-Thr24/32)
Immunogen:	Peptide sequence around phosphorylation site of threonine 24/32(S-C-T(p)-W-P) derived from Human FOXO1/3/4-pan .
Full name:	forkhead box O1/3/4
Synonyms :	FKH1; FKHR; FOXO1A/FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2/AFX; AFX1; MLLT7
SwissProt:	Q12778/O43524/P98177
WB Predicted band size:	70/71/54 kDa
WB Positive control:	293 cells lysates treated with serum
WB Recommended dilution:	500-1000

