

# 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]TTTTG-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. Orchestrates the endocrine function of the skeleton in regulating glucose metabolism. Acts synergistically with

	<p>h 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.</p>
<b>Applications:</b>	WB
<b>Name of antibody:</b>	FOXO1/3/4(Phospho-Thr24/32)
<b>Immunogen:</b>	Peptide sequence around phosphorylation site of threonine 24/32(S-C-T(p)-W-P) derived from Human FOXO1/3/4-pan .
<b>Full name:</b>	forkhead box O1/3/4
<b>Synonyms :</b>	FKH1; FKHR; FOXO1A/FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2/AFX; AFX1; MLLT7
<b>SwissProt:</b>	Q12778/O43524/P98177
<b>WB Predicted band size:</b>	70/71/54 kDa
<b>WB Positive control:</b>	293 cells lysates treated with serum
<b>WB Recommended dilution:</b>	500-1000

