

FOXO4 antibody

Product Information

Catalog No.:	FNab03204
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Transcription factor involved in the regulation of the insulin signaling pathway. Binds to insulin-response elements(IRES) and can activate transcription of IGFBP1. Down-regulates expression of HIF1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. Also involved in negative regulation of the cell cycle. Involved in increased proteasome activity in embryonic stem cells(ESCs) by activating expression of PSMD11 in ESCs, leading to enhanced assembly of the 26S proteasome, followed by higher proteasome activity.

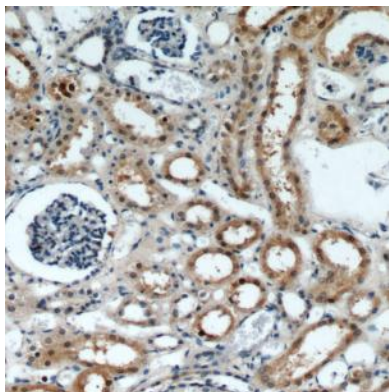
Immunogen information

Immunogen:	forkhead box O4
Synonyms:	Forkhead box protein O4 Fork head domain transcription factor AFX1 FOXO4 AFX AFX1 MLLT7
Observed MW:	45-48 kDa
Uniprot ID :	P98177

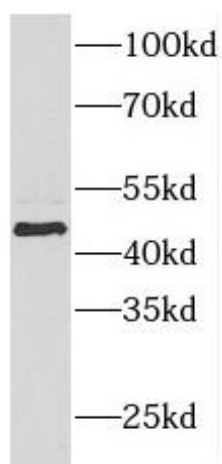
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney using FNa03204(FOXO4 antibody) at dilution of 1:100



human heart tissue were subjected to SDS PAGE followed by western blot with FNa03204(FOXO4 antibody) at dilution of 1:800