

Summary

Production Name	FOXO1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ChIP,ELISA
Reactivity	Human,Mouse,Rat,Pig

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	FOXO1
Alternative Names	FOXO1; FKHR; FOXO1A; Forkhead box protein O1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma
Gene ID	2308
SwissProt ID	Q12778

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ChIP: 1/20 ELISA: 1/10000
Molecular Weight	Calculated MW: 70 kDa; Observed MW: 78 kDa

Product Name: FOXO1 Rabbit Polyclonal Antibody
Catalog #: APRab03374



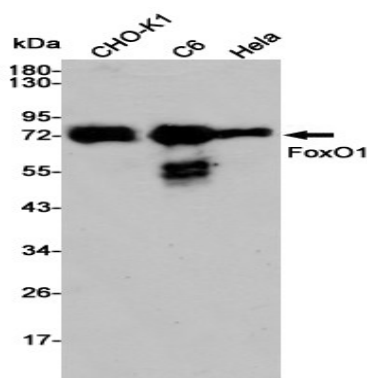
Background

Transcription factor which acts as a regulator of cell responses to oxidative stress. In the presence of KIRT1, mediates down-regulation of cyclin D1 and up-regulation of CDKN1B levels which are required for cell transition from proliferative growth to quiescence.

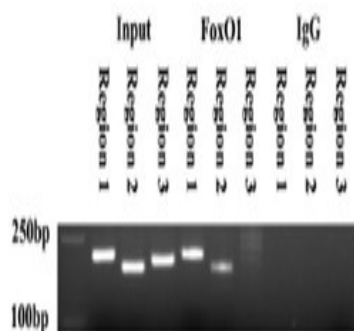
Research Area

Signal Transduction

Image Data



Western blot analysis of FoxO1 in CHO-K1, C6 and HeLa lysates using FoxO1 antibody.



ChIPPCR detected the FoxO1 binding sites in the AdipoQ promoter region.

Note

For research use only.