

Anti-FOXO1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010114

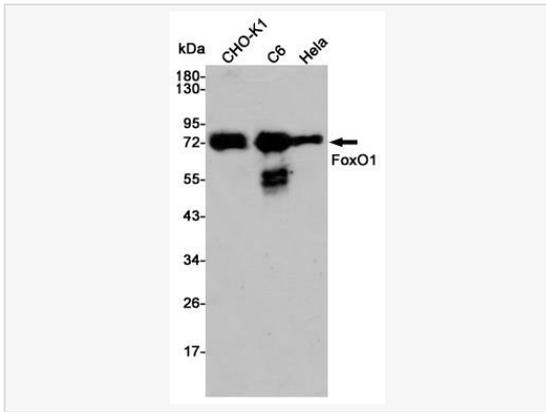
Product Information

Application	ELISA, ChIP, ELISA, WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell)
Reactivity	Pig, Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ChIP 1:20; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human FKHR.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-FOXO1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

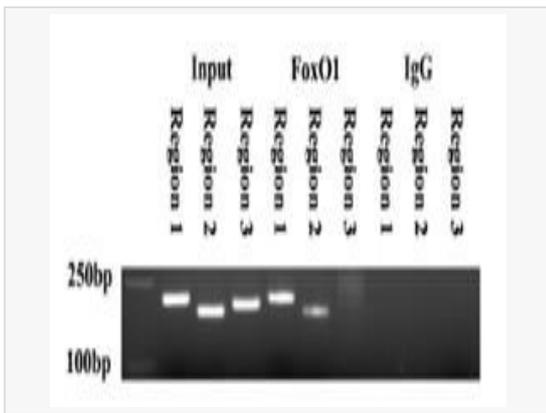
Protein Information

Synonyms	FOXO1, FKHR, FOXO1A, Forkhead box protein O1, Forkhead box protein O1A, Forkhead in rhabdomyosarcoma.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 78 kDa
Uniprot ID	Q12778
Gene ID	2308
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.

Validation Images



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



ChIP-PCR detected the FoxO1 binding sites in the AdipoQ promoter region.