

## FOXO1 RABBIT PAB

**Cat.#:** N225364

**Product Name:** Anti-FOXO1 Rabbit pAb

**Synonyms:** FOXO1; FKHR; FOXO1A; Forkhead box protein O1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma

**UNIPROT ID:** Q12778

**Background:** Transcription factor which acts as a regulator of cell responses to oxidative stress. In the presence of KRT1, mediates down-regulation of cyclin D1 and up-regulation of CDKN1B levels which are required for cell transition from proliferative growth to quiescence.

**Immunogen:** The antiserum was produced against synthesized peptide derived from human FKHR. AA range:223-272

**Applications:** WB,IHC-F,IHC-P,ICC/IF,ELISA,CHIP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
CHIP: 1/20 ELISA: 1/10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 70 kDa; Observed MW: 78 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat,Pig

**Conjugation:** Unconjugated

**Modification:** Unmodified

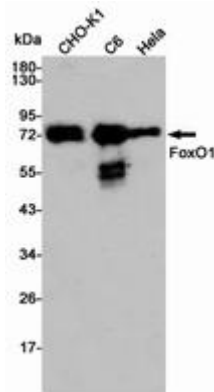
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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