



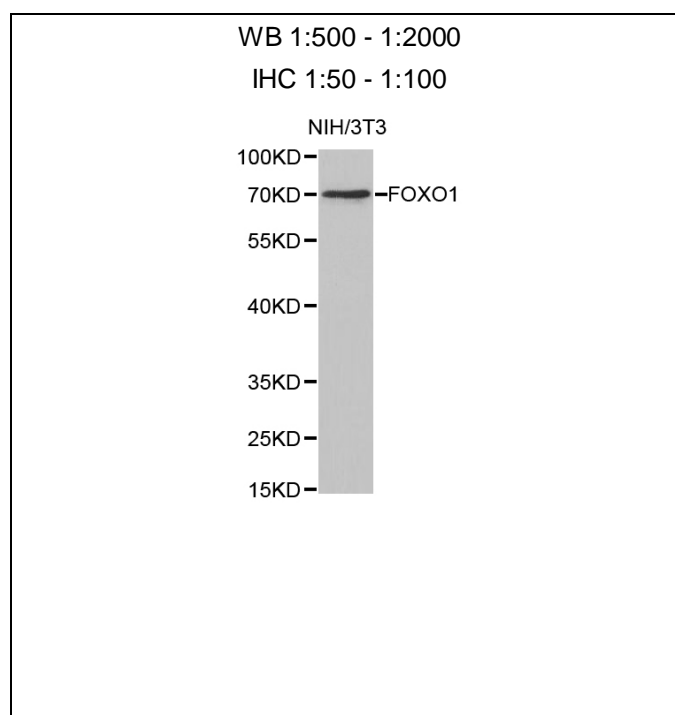
## FOXO1 Polyclonal Antibody

**E92934****Catalog Number:** E92934**Amount:** 100ul

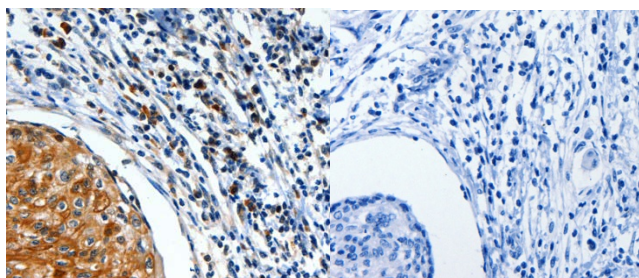
**Background:** This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. Interacts with LRPPRC. Interacts with RUNX2; the interaction inhibits RUNX2 transcriptional activity and mediates the IGF1/insulin-dependent BGLAP expression in osteoblasts. Interacts with PPP2R1A; the interaction regulates the dephosphorylation of FOXO1 at Thr-24 and Ser-256 leading to its nuclear import.

**Species:** Rabbit**Isotype:** IgG

**Storage/Stability:** Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonyms:** FKH1, FKHR, FOXO1A;**Immunogen:** A synthetic peptide of human FOXO1**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC**Molecular Weight:** 70kDa**Swiss-Prot No. :** Q12778**Gene ID:** 2308**For Research Use Only**

Western blot analysis of extracts of NIH/3T3 cellline, using  
FOXO1 antibody.



Immunohistochemistry of paraffin-embedded human tonsil  
tissue using FOXO1 antibody.