

FOXO1 Antibody

Catalog No: #36870

Package Size: #36870 100ul

Description

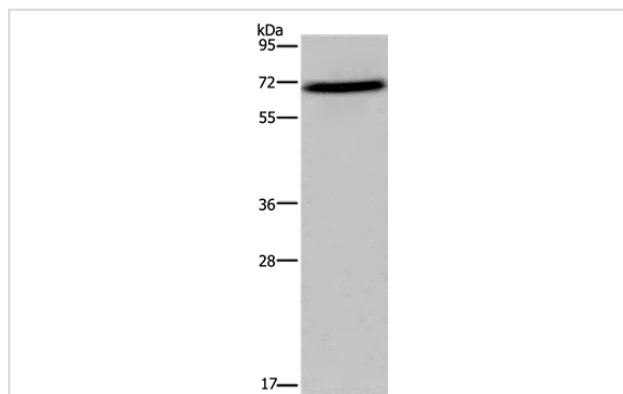
Product Name	FOXO1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total FOXO1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human forkhead box O1
Conjugates	Unconjugated
Target Name	FOXO1
Other Names	FKH1; FKHR; FOXO1A
Accession No.	Swiss-Prot#: Q12778NCBI Gene ID: 2308Gene Accssion: NP_002006
SDS-PAGE MW	70kd
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

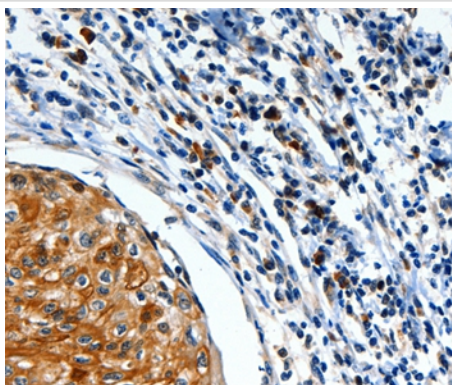
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
Lysate: 40ug HT-29 cell
Primary antibody: 1/500 dilution
Secondary antibody dilution: 1/8000
Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36870 at dilution 1/30.

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.

Published Papers

el at., Oleanolic acid inhibits cell survival and proliferation of prostate cancer cells in vitro and in vivo through the PI3K/Akt pathway. In Int J Med Scion 2015 Aug 1 et al.. PMID:26283888, , (2015)

[PMID:26283888](#)

Yin Cong;Fang Rui;Xu Yue;Li Kui;Ai Tingyang;Wan Jiawei;Qin Yonghua;Lyu Xiaoguang;Liu Hong;Qin Rui;Yang Lindong;Xiong Hairong;Liu Jiao et al., Safflower petal water-extract consumption reduces blood glucose via modulating hepatic gluconeogenesis and gut microbiota, , (2024)

[PMID:](#)

Yutao Li;Ruoyu Wang;Cunhua Zhai;Dingchen Cao;Zhipeng Sun;Ying Zhang;Bo Ma et al., Dynamic Impacts of Stock Enhancement on Kaluga Sturgeon (Huso dauricus): Novel Conservation Strategy Insights from the Gut Microbe Composition and Gene Expression Mode., , (2025)

[PMID:40003945](#)

Sijing Liu;Kai Li;Changhai Long;Mingwu Lao;Biao Ma;Changquan Liu;Haoyuan He;Chunjiang Wang;Wangzhu Chen;Bin Yu et al., The role of FTO in m6A RNA methylation and immune regulation in Staphylococcus aureus infection-related osteomyelitis., , (2025)

[PMID:39980685](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.