

Datasheet for ABIN7440014  
**anti-FOXO1 antibody (AA 222-469)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	FOXO1
Binding Specificity:	AA 222-469
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Forkhead Box Protein O1 (FOXO1)
Immunogen:	Recombinant Forkhead Box Protein O1 (FOXO1) corresponding to Arg222~Pro469 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FOXO1. It has been selected for its ability to recognize FOXO1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	FOXO1
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## Target Details

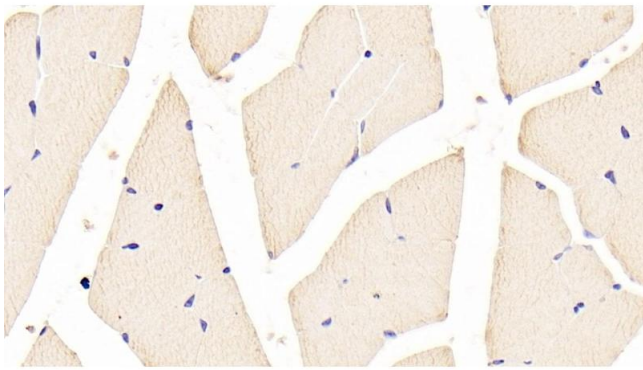
Alternative Name:	Forkhead Box Protein O1 ( <a href="#">FOXO1 Products</a> )
Background:	FOX-O1, FKH1, FKHR, FOXO1A, Forkhead Homolog In Rhabdomyosarcoma
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">Cell Division Cycle</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Chromatin Binding</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">BCR Signaling</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

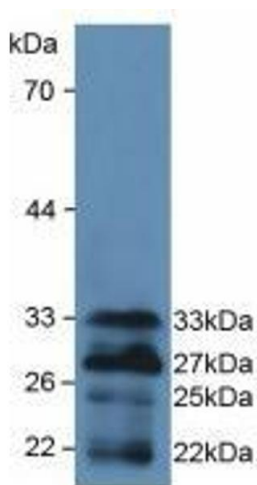
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



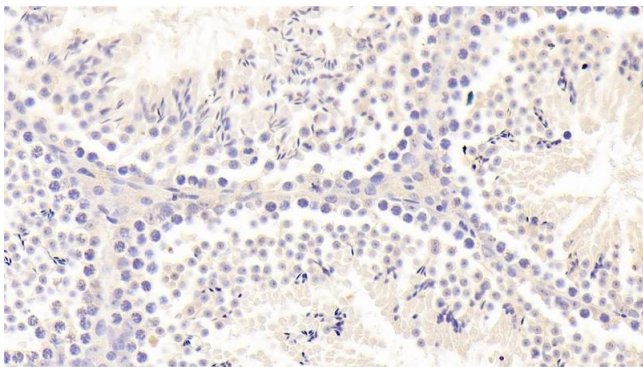
#### Immunohistochemistry

**Image 1.** Detection of FOXO1 in Mouse Skeletal muscle Tissue using Polyclonal Antibody to Forkhead Box Protein O1 (FOXO1)



#### Western Blotting

**Image 2.** Detection of Recombinant FOXO1, Mouse using Polyclonal Antibody to Forkhead Box Protein O1 (FOXO1)



#### Immunohistochemistry

**Image 3.** Detection of FOXO1 in Mouse Testis Tissue using Polyclonal Antibody to Forkhead Box Protein O1 (FOXO1)