

Datasheet for ABIN731168

anti-FOXO3 antibody (AA 581-673)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	FOXO3
Binding Specificity:	AA 581-673
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FOXO3A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	FOXO3
Alternative Name:	FOXO3A (FOXO3 Products)
Background:	Synonyms: FOXO2, AF6q21, FKHRL1, FOXO3A, FKHRL1P2, Forkhead box protein O3, AF6q21

Target Details

protein, Forkhead in rhabdomyosarcoma-like 1, FOXO3

Background: Transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress. Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3'. Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, promotes induction of miR-34b and miR-34C expression, 2 post-transcriptional regulators of MYC that bind to the 3'UTR of MYC transcript and prevent its translation.

Gene ID:	2309
UniProt:	O43524
Pathways:	Cell Division Cycle , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Carbohydrate Homeostasis

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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

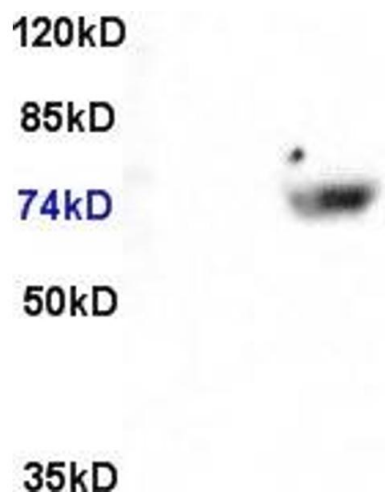
Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Morales, Abrigo, Acuña, Santos, Bader, Brandan, Simon, Olguin, Cabrera, Cabello-Verrugio: "Angiotensin-(1-7) attenuates disuse skeletal muscle atrophy in mice via its receptor, Mas." in: Disease models & mechanisms , Vol. 9, Issue 4, pp. 441-9, (2016) (PubMed).
-------------------	--

Images



SDS-PAGE

Image 1. L1 Rat brain lysate L2 human colon carcinoma 30ug, probed (ABIN731168) at 1:200 in 4 °C. Followed by conjugation to the secondary antibody at 1:3000 90min in 37C. Predicted and observed band size: 74kDa.