

Datasheet for ABIN1679902
anti-FOXO4 antibody (AA 346-505)



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1 Image

Overview

Quantity:	100 µg
Target:	FOXO4
Binding Specificity:	AA 346-505
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 346-505 of human FOXO4 (NP_005929.2).
Sequence:	FSPAEGPLSA GEGCFSSSQ A LEALLTSDTP PPPADVLMTQ VDPILSQAPT LLLLGGLPSS SKLATGVGLC PKPLEAPGPS SLVPTLSMIA PPPVMASAPI PKALGTPVLT PTTEAASQDR MPQDLDLDMY MENLECDMDN IISDLMDEGE GLDFNFEPDP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

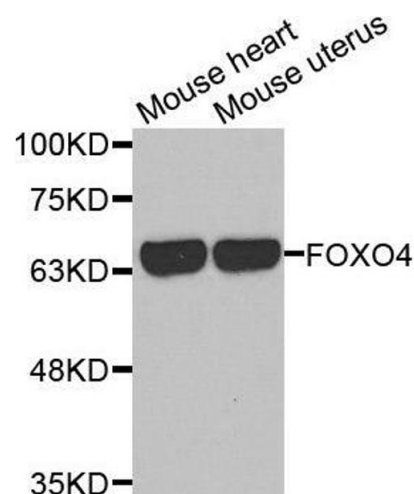
Target:	FOXO4
Alternative Name:	FOXO4 (FOXO4 Products)
Background:	<p>This gene encodes a member of the O class of winged helix/forkhead transcription factor family. Proteins encoded by this class are regulated by factors involved in growth and differentiation indicating they play a role in these processes. A translocation involving this gene on chromosome X and the homolog of the Drosophila trithorax gene, encoding a DNA binding protein, located on chromosome 11 is associated with leukemia. Multiple transcript variants encoding different isoforms have been found for this</p> <p>gene.,AFX,AFX1,MLLT7,FOXO4,Epigenetics & Nuclear Signaling,Transcription Factors,Signal Transduction,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Immunology & Inflammation,B Cell Receptor Signaling Pathway,Cardiovascular,Angiogenesis,FOXO4</p>
Molecular Weight:	47 kDa/53 kDa
Gene ID:	4303
UniProt:	P98177
Pathways:	Cell Division Cycle , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using FOXO4 antibody.