



Datasheet for ABIN2854685
anti-FOXM1 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	FOXM1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXM1 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human FOXM1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to FOXM1 (forkhead box M1) FOXM1 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	FOX M1
Alternative Name:	forkhead box M1 (FOX M1 Products)
Background:	Cellular Localization: Nucleus
Molecular Weight:	84 kDa
Gene ID:	2305
UniProt:	Q08050
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB: 1:1000-1:10000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: FOX M1-transfected 293T Validation: KO/KD, Orthogonal, Overexpression
Restrictions:	For Research Use only

Handling

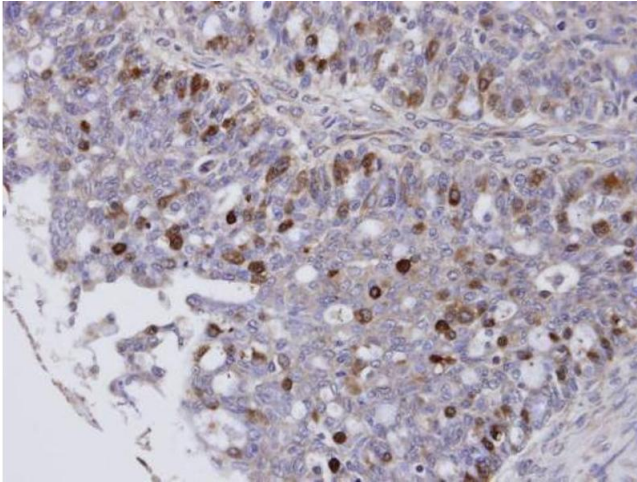
Format:	Liquid
Concentration:	1.52 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

Product cited in:	Galmozzi, Kok, Kim, Montenegro-Burke, Lee, Spreafico, Mosure, Albert, Cintron-Colon, Godio, Webb, Conti, Solt, Kojetin, Parker, Peluso, Pru, Siuzdak, Cravatt, Saez: "PGRMC2 is an
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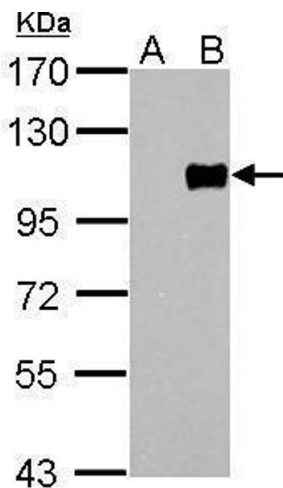
intracellular haem chaperone critical for adipocyte function." in: **Nature**, Vol. 576, Issue 7785, pp. 138-142, (2020) ([PubMed](#)).

Validation report #104404 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



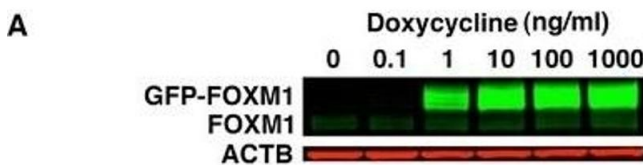
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human ovarian cancer, using FOXM1, antibody at 1:100 dilution.



Western Blotting

Image 2. WB Image FOXM1 antibody [C3], C-term detects FOXM1 protein by Western blot analysis. A.30 ug 293T whole cell lysate/extract B.30 ug whole cell lysate/extract of human FOXM1-transfected 293T cells 7.5 % SDS-PAGE FOXM1 antibody [C3], C-term , dilution: 1:5000



Chromatin Immunoprecipitation

Image 3. Generation of inducible GFP-FOXM1 expressing HEK293 cell lines. a Western blot showing induction of GFP-FOXM1B expression following addition of doxycycline for 24 h while levels of endogenous FOXM1 are unchanged. The blot was probed using antibodies for FOXM1 and ACTB. b Quantitative PCR (qPCR) showing RNA expression levels of total FOXM1 (GFP-FOXM1 and endogenous) and endogenous FOXM1 only (FOXM1-UTR). c qPCR of FOXM1 target genes transcript levels in GFP-FOXM1 cells treated ±

doxycycline for 24 h and expressed relative to the levels in the parent HEK293 cells (Negative) for each transcript. Data show triplicate experiments \pm SEM. d Western blot showing protein levels of GFP-FOXM1 in WT and mutant cell lines treated \pm doxycycline (Dox) at 1 μ g/mL for 24 h - figure provided by CiteAb. Source: PMID26136074