

Rabbit Forkhead box protein M1 Polyclonal Antibody | anti-FOXM1 antibody

Anti-FOXM1 Antibody

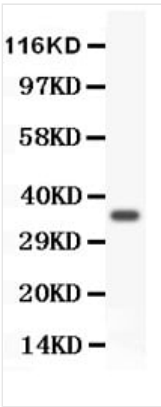
CATALOG # AAA46018	HOST Rabbit	REACTIVITY Human. No cross reactivity with other proteins.	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

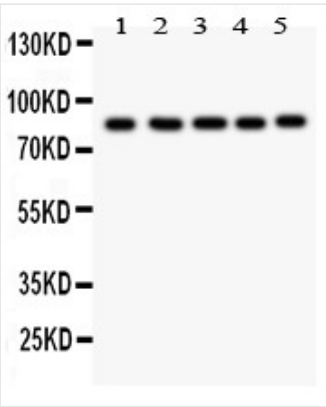
Forkhead box protein M1; Polyclonal Antibody; Anti-FOXM1 Antibody; FKHL16 antibody; Forkhead box M1 antibody; Forkhead box protein M1 antibody; forkhead like 16 antibody; Forkhead-related protein FKHL16 antibody; FOX M1 antibody; Foxm1 antibody; FOXM1_HUMAN antibody; FOXM1B antibody; Hepatocyte nuclear factor 3 forkhead homolog 11 antibody; HFH-11 antibody; HFH11 antibody; HNF-3/fork-head homolog 11 antibody; HNF3 antibody; INS1 antibody; M phase phosphoprotein 2 antibody; M-phase phosphoprotein 2 antibody; MPHOSPH2 antibody; MPM 2 antibody; MPM-2 reactive phosphoprotein 2 antibody; MPM2 reactive phosphoprotein 2 antibody; MPP2 antibody; PIG29 antibody; TGT3 antibody; Transcription factor Trident antibody; Trident antibody; WIN antibody; Winged-helix factor from INS-1 cells antibody; Winged-helix factor from INS1 cells antibody; forkhead box M1; anti-FOXM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	748
Applicable Applications for anti-FOXM1 antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human FOXM1 recombinant protein (Position: A411-Q763). Human FOXM1 shares 75% and 76% amino acid (aa) sequences identity with mouse and rat FOXM1, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



WB (Western Blot)
Anti- FOXM1 antibody, AAA46018, Western blottingAll lanes: Anti FOXM1 (AAA46018) at 0.5ug/mlWB: Recombinant Human FOXM1 Protein 0.5ngPredicted bind size: 36KDObserved bind size: 36KD



WB (Western Blot)
Anti- FOXM1 antibody, AAA46018, Western blottingAll lanes: Anti FOXM1 (AAA46018) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: COLO320 Whole Cell Lysate at 40ugLane 3: SW620 Whole Cell Lysate at 40ugLane 4: SKOV Whole Cell Lysate at 40ugLane 5: MCD-7 Whole Cell Lysate at 40ugPredicted bind size: 84KDObserved bind size: 84KD

ADDITIONAL INFORMATION

Related Product Information for anti-FOXM1 antibody	Description: Rabbit IgG polyclonal antibody for Forkhead box protein M1(FOXM1) detection. Tested with WB in Human. Background: Forkhead box protein M1, also called FOXM1, is a protein that in humans is encoded by the FOXM1 gene. It is mapped to 12p13.33. The protein encoded by this gene is a member of the FOX family of transcription factors. FOXM1 is known to play a key role in cell cycle progression where endogenous FOXM1 expression peaks at S and G2/M phases and also in the control of cell proliferation. FOXM1 gene is now known as a human proto-oncogene. Abnormal upregulation of FOXM1 is involved in the oncogenesis of basal cell carcinoma, the most common human cancer worldwide. It was hypothesized that FOXM1 induces cancer initiation through stem/progenitor cell expansion. What's more, FOXM1 has been shown to modulate the epigenome. It was found that overexpression of FOXM1 "brain washes" normal cells to adopt cancer-like epigenome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340545543
NCBI GeneID	2305
NCBI Accession #	NP_001230017.1
NCBI GenBank Nucleotide #	NM_001243088.1
UniProt Accession #	Q08050; O43258; O43259; O43260; Q4ZGG7; Q9BRL2
Molecular Weight	88,596 Da
NCBI Official Full Name	forkhead box protein M1 isoform 4
NCBI Official Synonym Full Names	forkhead box M1
NCBI Official Symbol	FOXM1
NCBI Official Synonym Symbols	MPP2; TGT3; HFH11; HNF-3; INS-1; MPP-2; PIG29; FKHL16; FOXM1B; HFH-11; TRIDENT; MPHOSPH2
NCBI Protein Information	forkhead box protein M1; M-phase phosphoprotein 2; HNF-3/fork-head homolog 11; transcription factor Trident; MPM-2 reactive phosphoprotein 2; forkhead-related protein FKHL16; winged-helix factor from INS-1 cells; Forkhead, drosophila, homolog-like 16; hepatocyte nuclear factor 3 forkhead homolog 11
UniProt Protein Name	Forkhead box protein M1
UniProt Gene Name	FOXM1
UniProt Synonym Gene Names	FKHL16; HFH11; MPP2; WIN; HFH-11; HNF-3/fork-head homolog 11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/forkhead-box-protein-m1-antibody-western-blot-elisa/46018>