

Product Datasheet

FoxM1 Antibody - BSA Free NBP1-84671

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 3/4/2026 v.20.1

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NBP1-84671

FoxM1 Antibody - BSA Free

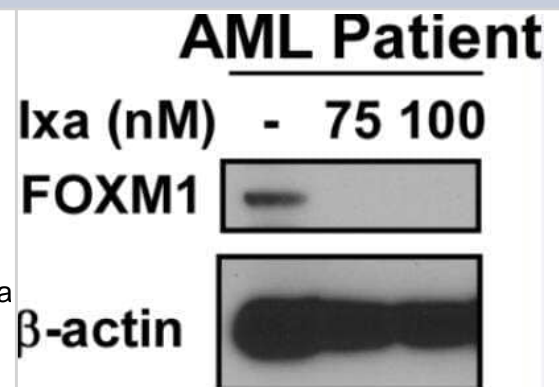
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	2305
Gene Symbol	FOXM1
Species	Human
Marker	Mitosis Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GIAPLSSAGPGKEEKLLFGEGFSPLLQVQTIKEEEIQPGEEMPHLARPIKVESPP LEEWPSPAPSFKEESSHSWEDSSQSPTPRPKSYSGL

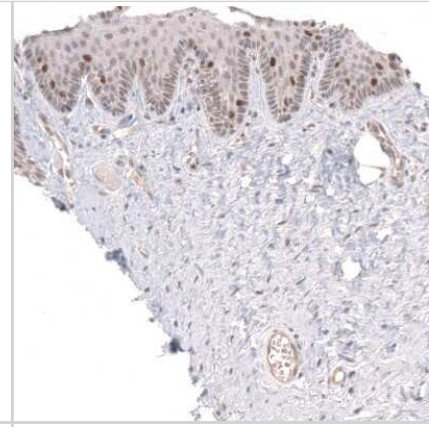
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot Validated from a verified customer review/ scientific literature (PMID: 30089730)., Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

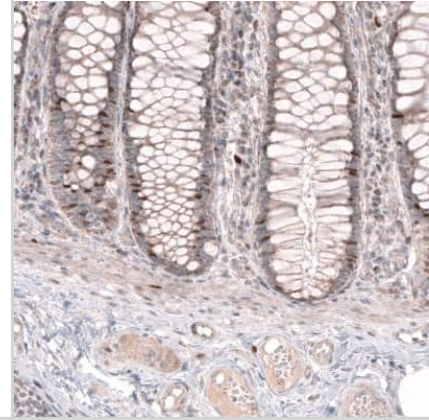
Western Blot: FoxM1 Antibody [NBP1-84671] - Primary AML mononuclear cells were obtained from patients with newly diagnosed or relapsed AML. Mononuclear cells were supplemented by CD34 expansion supplement for 24 hours in the presence of drug or 0.1% DMSO. Cells were then harvested for Western blot. Treated cells were harvested and lysed using IP buffer. Protein concentration was determined. Isolated proteins were separated on SDS-PAGE and transferred to PVDF membrane. Immunoblotting was carried out with antibodies specific for FOXM1 and B-actin. This image was submitted via customer review.



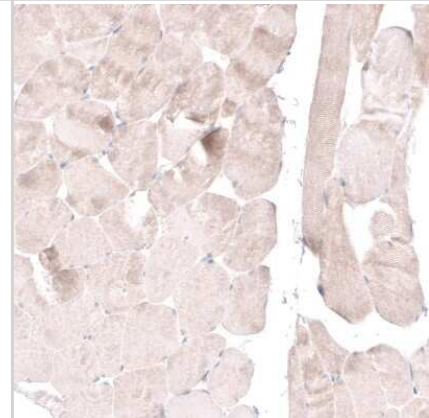
Immunohistochemistry-Paraffin: FoxM1 Antibody [NBP1-84671] - Staining of human uterine cervix shows moderate nuclear positivity in a subset of epidermal cells.



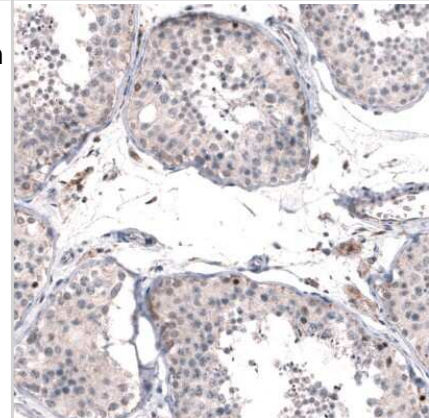
Immunohistochemistry-Paraffin: FoxM1 Antibody [NBP1-84671] - Staining of human rectum shows moderate nuclear positivity in a subset of glandular cells.



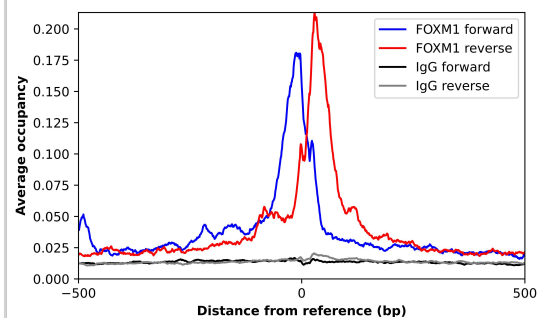
Immunohistochemistry-Paraffin: FoxM1 Antibody [NBP1-84671] - Staining of human skeletal muscle shows no nuclear positivity in striated muscle fibers as expected.



Immunohistochemistry-Paraffin: FoxM1 Antibody [NBP1-84671] - Staining of human testis shows moderate nuclear positivity in few cells in seminiferous ducts.



ChIP-Exo-Seq composite graph for Anti-FOXM1 (NBP1-84671) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Khan I, Halasi M, Patel A et al. FOXM1 contributes to treatment failure in acute myeloid leukemia JCI Insight 2018-08-09 [PMID: 30089730] (WB, Human)

Halasi M, Hitchinson B, Shah BN et al. Honokiol is a FOXM1 antagonist Cell Death Dis 2018-01-24 [PMID: 29367668] (WB, Human)



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Products Related to NBP1-84671

NBP1-84671PEP	FoxM1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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