

Rabbit FOXA1 Monoclonal Antibody | anti-FOXA1 antibody

FOXA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30294	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

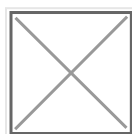
PRODUCT SYNONYMS

FOXA1; Monoclonal Antibody; FOXA1 Antibody; forkhead box A1 antibody; Forkhead box protein A1 antibody; FOX A1 antibody; FOXA1 antibody; FOXA1_HUMAN antibody; hepatocyte nuclear factor 3 alpha antibody; Hepatocyte nuclear factor 3-alpha antibody; HNF 3A antibody; HNF-3-alpha antibody; HNF-3A antibody; HNF3A antibody; MGC33105 antibody; TCF 3A antibody; TCF-3A antibody; TCF3A antibody; Transcription factor 3A antibody; anti-FOXA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JF10-02
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FOXA1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



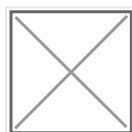
ICC (Immunocytochemistry)

ICC staining FOXA1 in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



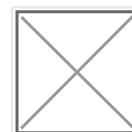
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-FOXA1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-FOXA1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-FOXA1 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded rat prostate tissue using anti-FOXA1 antibody. Counter stained with hematoxylin.

**WB (Western Blot)**

Western blot analysis of FOXA1 on different lysates using anti-FOXA1 antibody at 1/1,000 dilution. Positive control: Lane 1: 293 Lane 2: Mouse lung

ADDITIONAL INFORMATION

Related Product Information for anti-FOXA1 antibody	HNF-1 (alpha and beta), HNF-3 (alpha, beta and gamma), HNF-4 (alpha and gamma), and HNF-6 compose, in part, a homoeoprotein family designated the hepatocyte nuclear factor family. The various HNF-1 isoforms regulate transcription of genes in the liver as well as in other tissues such as kidney, small intestine and thymus. HNF-3alpha, HNF-3beta and HNF-3gamma regulate the transcription of numerous hepatocyte genes in adult liver. HNF-3alpha and HNF-3beta have also been shown to be involved in gastrulation events such as body axis formation. HNF-4alpha and HNF-4gamma have been shown to be important for early embryo development. HNF-4alpha is expressed in liver, kidney, pancreas, small intestine, testis and colon; HNF-4gamma is expressed in each of these tissues except liver. HNF-6 has been shown to bind to the promoter of HNF-3beta , which indicates a potential role of HNF-6 in gut endoderm epithelial cell differentiation. Evidence suggests that HNF-6 may also be a transcriptional activator for at least 22 other hepatocyte-enriched genes, including cytochrome P450 2C13 and alpha-1 antitrypsin.
Product Categories/Family for anti-FOXA1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497501
NCBI GeneID	3169
NCBI Accession #	NP_004487
NCBI GenBank Nucleotide #	NM_004496.3
UniProt Accession #	P55317; Q9H2A0; B2R9H6; B7ZAP5
Molecular Weight	52 kDa
NCBI Official Full Name	hepatocyte nuclear factor 3-alpha
NCBI Official Synonym Full Names	forkhead box A1
NCBI Official Symbol	FOXA1
NCBI Official Synonym Symbols	HNF3A; TCF3A
NCBI Protein Information	hepatocyte nuclear factor 3-alpha; HNF-3A; TCF-3A; HNF-3-alpha; forkhead box protein A1; transcription factor 3A
UniProt Protein Name	Hepatocyte nuclear factor 3-alpha
UniProt Gene Name	FOXA1
UniProt Synonym Gene Names	HNF3A; TCF3A; HNF-3-alpha; HNF-3A; TCF-3A
UniProt Entry Name	FOXA1_HUMAN

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/monoclonal/foxa1-antibody-clone-jf10-02-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/30294>