

Rabbit anti-Mouse FOXA1 Polyclonal Antibody | anti-FOXA1 antibody

Anti-FOXA1 Antibody, Rabbit Polyclonal

CATALOG # AAA255056	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot
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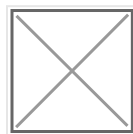
PRODUCT SYNONYMS

FOXA1; Polyclonal Antibody; Anti-FOXA1 Antibody; Rabbit Polyclonal; FOXA1 Antibody; Rabbit PAb; Antigen Affinity Purified; forkhead box A1; Anti-Hnf-3a Antibody; Anti-Hnf3a Antibody; Anti-Tcf-3a Antibody; Anti-Tcf3a Antibody; anti-FOXA1 antibody

PRODUCT SPECIFICATIONS

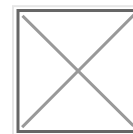
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse FOXA1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FOXA1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse FOXA1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse FOXA1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of FOXA1 in MCF7 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-mouse FOXA1 polyclonal antibody (dilution ratio 1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of mouse FOXA1 in mouse prostate with rabbit polyclonal antibody at 1:1500 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-FOXA1 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lane B: Mouse Lung tissue lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 49 kDa Observed band size: 49 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FOXA1 antibody	Forkhead box protein A1 (FOXA1) was identified as a direct target of miR-132 in thyroid cancer cells. miR-132 acts as a tumor suppressor in thyroid cancer through targeting FOXA1. According to androgen receptor (AR) and forkhead box A1 (FOXA1) are determined and a lack of both biomarkers is an independent poor prognostic factor in ER-positive tumors. FOXA1 is a transcription factor capable to bind silenced chromatin to direct context-dependent cell fate conversion. FOXA1 can be used as potential targets for ESCC therapy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66793398
NCBI GeneID	15375
NCBI Accession #	NP_032285.2
NCBI GenBank Nucleotide #	NM_008259.3
UniProt Accession #	P35582; Q4VA63; Q61108
Molecular Weight	48,854 Da
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; Hnf-3a; Tcf-3a
NCBI Protein Information	hepatocyte nuclear factor 3-alpha; HNF-3-alpha; fork head domain; forkhead box protein A1; hepatocyte nuclear factor 3 alpha (winged helix transcription factor)
UniProt Protein Name	Hepatocyte nuclear factor 3-alpha
UniProt Gene Name	Foxa1
UniProt Synonym Gene Names	Hnf3a; Tcf-3a; Tcf3a; HNF-3-alpha; HNF-3A
UniProt Entry Name	FOXA1_MOUSE

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/foxa1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/255056>