

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

Anti-FOXA1 Antibody, Rabbit Polyclonal

CATALOG # AAA255862	HOST Rabbit	REACTIVITY Human	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-HNF3A Antibody; Anti-TCF3A Antibody; anti-FOXA1 antibody

PRODUCT SPECIFICATIONS

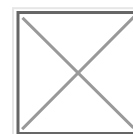
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human FOXA1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-FOXA1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human FOXA1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human FOXA1 fragment, 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. 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-Human FOXA1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human FOXA1 in human prostate with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-FOXA1 rabbit polyclonal antibody at 1:500 dilution Lane A: MCF7 Whole Cell Lysate Lane B: HepG2 Whole Cell 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: 55 kDa (We are unsure as to the identity of these extra bands).

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.

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/255862>