

Rabbit FOXO1 Polyclonal Antibody | anti-FOXO1 antibody

Anti-FOXO1 (pS329) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260957	Rabbit	Human, Mouse, Rat, Bovine, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

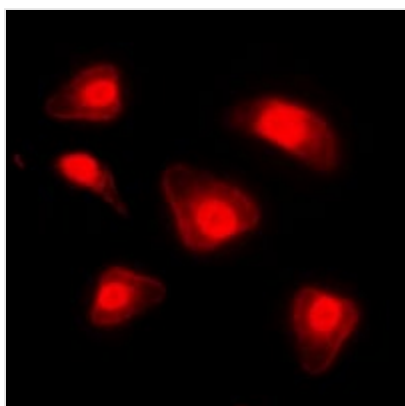
PRODUCT SYNONYMS

FOXO1; Polyclonal Antibody; Anti-FOXO1 (pS329) Phospho Antibody; FKHR; FOXO1A; Forkhead box protein O1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma; anti-FOXO1 antibody

PRODUCT SPECIFICATIONS

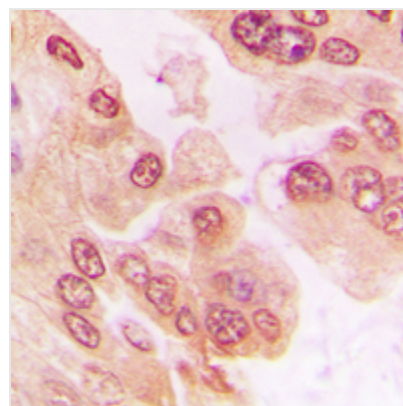
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of FOXO1 (pS329) protein only when phosphorylated at S329
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	655
Applicable Applications for anti-FOXO1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FOXO1. The exact sequence is proprietary.
Preparation and Storage	Upon receipt and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



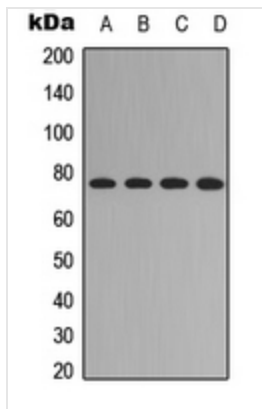
IF (Immunofluorescence)

Immunofluorescent analysis of FOXO1 (pS329) staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of FOXO1 (pS329) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of FOXO1 (pS329) expression in HEK293T (A), SHSY5Y (B), NIH3T3 (C), mouse brain (D) whole cell lysates. (Predicted band size: 69 kD; Observed band size: 78 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-FOXO1 antibody

Rabbit polyclonal antibody to FOXO1 (pS329)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116241368
NCBI GeneID	2308
UniProt Accession #	Q12778 ; O43523 ; Q5VYC7 ; Q6NSK6
NCBI Official Full Name	Forkhead box protein O1
NCBI Official Synonym Full Names	forkhead box O1
NCBI Official Symbol	FOXO1
NCBI Official Synonym Symbols	FKH1; FKHR; FOXO1A
NCBI Protein Information	forkhead box protein O1
UniProt Protein Name	Forkhead box protein O1
UniProt Gene Name	FOXO1
UniProt Synonym Gene Names	FKHR; FOXO1A
UniProt Entry Name	FOXO1_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://www.aaabiotech.com/polyclonal/foxo1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260957>