

Rabbit FOXO1 Polyclonal Antibody | anti-FOXO1 antibody

FOXO1 antibody - middle region

CATALOG # AAA197494	HOST Rabbit	REACTIVITY Tested Reactivity: Human (Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat)	APPLICATIONS Western Blot, Immunohistochemistry
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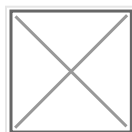
PRODUCT SYNONYMS

FOXO1; Polyclonal Antibody; FOXO1 antibody - middle region; anti-FOXO1 antibody

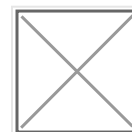
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human (Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat)
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid; Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: NL LDNLNLLSSP TSLTVSTQSS PGTMMQQTTPC YSFAPPNTSL NSPSPNYQ
Sequence Length	655
Applicable Applications for anti-FOXO1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FOXO1
Protein Size (#AA)	655 amino acids
Protein Interaction	EP300; AKT1; MST1; SIRT1; FHL2; ATG7; IRF3; FSHR; ESR1; Ubc; TXNRD1; RARA; MDM2; NLK; SKP2; SIRT2; STUB1; CREBBP; PML; LRPPRC; HOXA11; HNF4A; PARP1; DYRK1A; THRB; CSNK1G1; YWHAG; GSK3B; SMAD3; PAK1; PPARG; YWHAZ; SMAD4; AR; G6PC; SRC; CEBPB; FOXG1; HOXA10
Replacement Item	This antibody may replace item sc-11350, HPA001252
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-FOXO1 Antibody Titration: 0.2-1 ug/ml Positive Control: Transfected 293T


IHC (Immunohistochemistry)

Testis

ADDITIONAL INFORMATION

Related Product Information for anti-FOXO1 antibody	This is a rabbit polyclonal antibody against FOXO1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma.This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma.This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-FOXO1 antibody	Polyclonal; Transcription Factor; Signal Proteins; Transcription Regulation; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	9257222
NCBI GeneID	2308
NCBI Accession #	NP_002006
NCBI GenBank Nucleotide #	NM_002015
UniProt Accession #	Q12778
Molecular Weight	70kDa
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://stage.aaabiotech.com/polyclonal/foxo1-antibody-western-blot-immunohistochemistry-elisa/197494>