

FOXO1A Antibody | anti-FOXO1A antibody

FOXO1A (Phospho-Ser329) Antibody

CATALOG # AAA112183	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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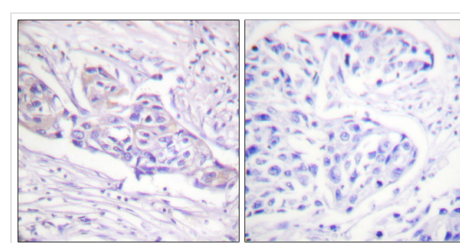
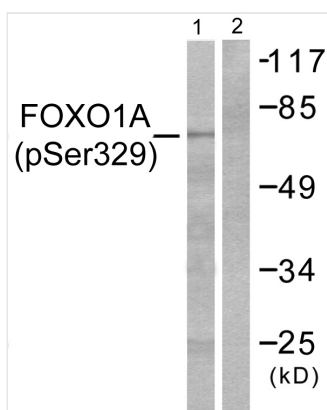
PRODUCT SYNONYMS

FOXO1A; FOXO1A (Phospho-Ser329) Antibody; FKHR; FOXO1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma; anti-FOXO1A antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	FOXO1A (Phospho-Ser329) antibody detects endogenous levels of FOXO1A only when phosphorylated at serine 329.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	655
Applicable Applications for anti-FOXO1A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human FOXO1A around the phosphorylation site of serine 329 (R-L-SP-P-I).
All Sites	Human: Ser329 Mouse: Ser326 Rat: Ser323
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using FOXO1A (Phospho-Ser329) antibody. Western blot analysis of extracts from HeLa cells, treated with Serum (20%, 15mins), using FOXO1A (Phospho-Ser329) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FOXO1A antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Philippe R.J. Bois, J. Cell Biol., Sep 2005; 170: 903-912. Kamel Izeradjene, AACR Meeting Abstracts, Apr 2005; 2005: 677. Xue-Yuan Dong, Cancer Res., Jul 2006; 66: 6998-7006. L Grinius, J. Endocrinol., Apr 2006; 189: 179-187. J.J. Kim, Biol Reprod, Oct 2005; 73: 833-839.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9257222
NCBI GeneID	2308
NCBI Accession #	NP_002006.2
NCBI GenBank Nucleotide #	NM_002015.3
UniProt Accession #	Q12778; O43523; Q5VYC7; Q6NSK6
Molecular Weight	69,662 Da
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

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/human-mouse-rat-antibody/foxo1a/112183>