

FKHR Antibody | anti-FKHR antibody

FKHR (Phospho-Ser319) Antibody

CATALOG # AAA111017	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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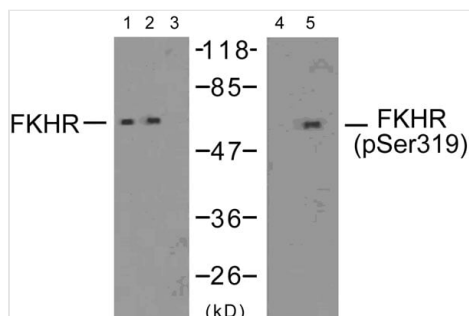
PRODUCT SYNONYMS

FKHR; FKHR (Phospho-Ser319) Antibody; FOXO1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma; anti-FKHR antibody

PRODUCT SPECIFICATIONS

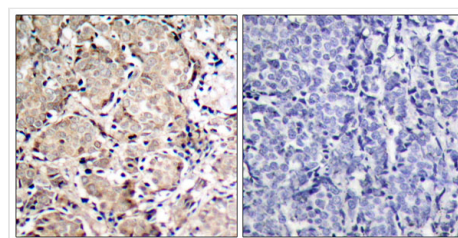
Reactivity	Human, Mouse, Rat
Specificity	FKHR (phospho-Ser319) antibody detects endogenous levels of FKHR only when phosphorylated at serine 319.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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-FKHR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human FKHR around the phosphorylation site of serine 319 (T-S-SP-N-A).
All Sites	Human: Ser319 Mouse: Ser316 Rat: Ser313
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 293 cells (10% serum-treated, 15min) and HeLa cells (EGF-treated, 200ng/ml, 15min), using FKHR (Ab-319) antibody and FKHR (phospho-Ser319) antibody.



IHC (Immunohistochemistry)

P-Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using FKHR (phospho-Ser319) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FKHR antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Rena G, et al. (2002) EMBO J 21(9): 2263-2271. Woods YL, et al. (2001) Biochem J355(Pt 3): 597-607. Rena G, et al. (2001) Biochem J 354(Pt 3): 605-612.
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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.