

Rabbit FKHR Polyclonal Antibody | anti-FOXO1 antibody

FKHR Antibody (Center D469)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290054	Rabbit	Human (Predicted Reactivity: Bovine, Pig)	Immunohistochemistry, ELISA, Western Blot

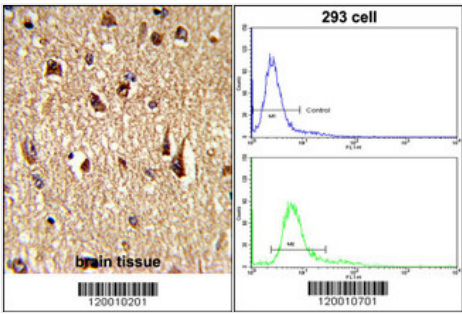
PRODUCT SYNONYMS

FKHR; Polyclonal Antibody; FKHR Antibody (Center D469); Forkhead box protein O1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma; FOXO1; FOXO1A; anti-FOXO1 antibody

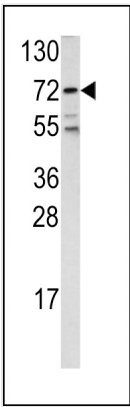
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FKHR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-482 amino acids from the Central region of human FKHR.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	454-482
Sequence Length	655
Applicable Applications for anti-FOXO1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
LEFT)Formalin-fixed and paraffin-embedded human brain tissue reacted with FKHR Antibody (Center D469), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.(RIGHT)Flow cytometric analysis of 293 cells using FKHR Antibody (Center D469)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of FKHR antibody (Center D469) in 293 cell line lysates (35ug/lane). FKHR (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FOXO1 antibody	FKHR belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain.
Product Categories/Family for anti-FOXO1 antibody	Cancer; Cell Biology; Metabolism; Neuroscience; Signal Transduction
References	Jung,Y.A., Biochem. Biophys. Res. Commun. 386 (4), 757-761 (2009) Lau,C.J., Cancer Res. 69 (13), 5433-5440 (2009)

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	69662
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.

