

Rabbit anti-Human FOXC2 Polyclonal Antibody | anti-FOXC2 antibody

FOXC2 Antibody (Center P198)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284326	Rabbit	Human	Western Blot, ELISA, Flow Cytometry, Functional Assay

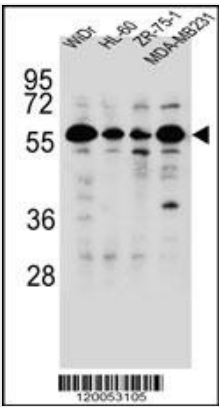
PRODUCT SYNONYMS

FOXC2; Polyclonal Antibody; FOXC2 Antibody (Center P198); Forkhead box protein C2; Forkhead-related protein FKHL14; Mesenchyme fork head protein 1; MFH-1 protein; Transcription factor FKH-14; FKHL14; MFH1; anti-FOXC2 antibody

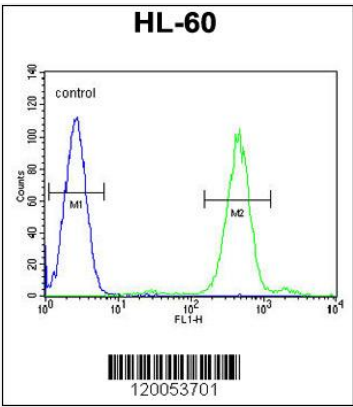
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FOXC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-210 amino acids from the Central region of human FOXC2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	183-210
Sequence Length	501
Applicable Applications for anti-FOXC2 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
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



WB (Western Blot)
FOXC2 Antibody (Center P198) western blot analysis in WiDr,HL-60,ZR-75-1,MDA-MB231 cell line lysates (35ug/lane).This demonstrates the FOXC2 antibody detected the FOXC2 protein (arrow).



FCM/FACS (Flow Cytometry)
FOXC2 Antibody (Center P198) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-FOXC2 antibody	This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in the development of mesenchymal tissues.
Product Categories/Family for anti-FOXC2 antibody	Developmental Biology; Metabolism; Neuroscience; Signal Transduction
References	Sanchez-Carpintero, R., et al. Genet. Med. 12(8):532-535(2010) Pappa, K.I., et al. Gynecol. Endocrinol. (2010) In press : Mortazavi, F., et al. Mol. Cancer Res. 8(5):762-774(2010) Fauret, A.L., et al. Lymphology 43(1):14-18(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885237
NCBI GeneID	2303
NCBI Accession #	NP_005242.1
NCBI GenBank Nucleotide #	NM_005251.2
UniProt Accession #	Q99958; Q14DA6; C6KMR9
Molecular Weight	53719
NCBI Official Full Name	forkhead box protein C2
NCBI Official Synonym Full Names	forkhead box C2
NCBI Official Symbol	FOXC2
NCBI Official Synonym Symbols	LD; MFH1; MFH-1; FKHL14
NCBI Protein Information	forkhead box protein C2
UniProt Protein Name	Forkhead box protein C2
UniProt Gene Name	FOXC2

UniProt Synonym Gene Names	FKHL14; MFH1; MFH-1 protein
UniProt Entry Name	FOXC2_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/foxc2-antibody-western-blot-flow-cytometry-elisa/284326>