

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

FOXC2 Antibody (Center S174)

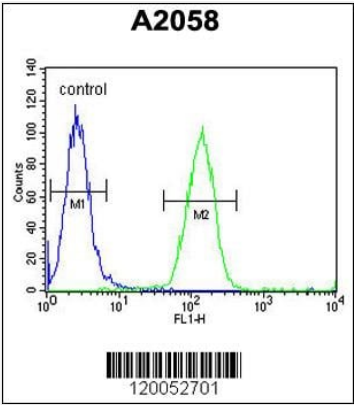
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285284	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

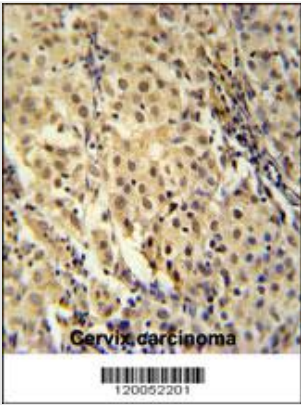
FOXC2; Polyclonal Antibody; FOXC2 Antibody (Center S174); Forkhead box protein C2; Forkhead-related protein FKHL14; Mesenchyme fork head protein 1; MFH-1 protein; Transcription factor FKH-14; FKHL14; MFH1; anti-FOXC2 antibody

PRODUCT SPECIFICATIONS

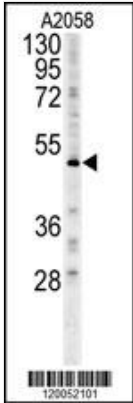
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FOXC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-186 amino acids from the Central region of human FOXC2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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: 0.5 (varies by lot)
Sequence Positions	159-186
Sequence Length	501
Applicable Applications for anti-FOXC2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
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.



FCM/FACS (Flow Cytometry)
FOXC2 Antibody (Center S174) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
FOXC2 Antibody (Center S174) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FOXC2 Antibody (Center S174) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
FOXC2 Antibody (Center S174) western blot analysis in A2058 cell line lysates (15ug/lane). This demonstrates the FOXC2 antibody detected the FOXC2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FOXC2 antibody	FOXC2 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	van Dongen, M.J., et al. J. Mol. Biol. 296(2):351-359(2000) Mangion, J., et al. Am. J. Hum. Genet. 65(2):427-432(1999) Miura, N., et al. Genomics 41(3):489-492(1997) Kaestner, K.H., et al. Development 122(6):1751-1758(1996)

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-immunohistochemistry-elisa/285284>