

FOXC2 Antibody (Center P198)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11579c**Specification**

FOXC2 Antibody (Center P198) - Product Information

Application	FC, WB,E
Primary Accession	O99958
Other Accession	NP_005242.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53719
Antigen Region	183-210

FOXC2 Antibody (Center P198) - Additional Information**Gene ID** 2303**Other Names**

Forkhead box protein C2, Forkhead-related protein FKHL14, Mesenchyme fork head protein 1, MFH-1 protein, Transcription factor FKH-14, FOXC2, FKHL14, MFH1

Target/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.

Dilution

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FOXC2 Antibody (Center P198) is for research use only and not for use in diagnostic or therapeutic procedures.

FOXC2 Antibody (Center P198) - Protein Information**Name** FOXC2

Synonyms FKHL14, MFH1

Function Transcriptional activator.

Cellular Location

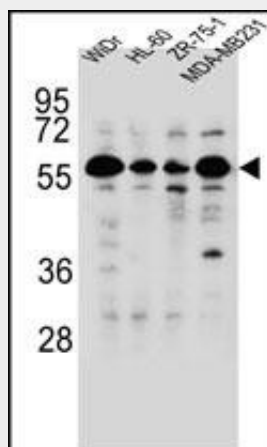
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00089, ECO:0000269|PubMed:23878394, ECO:0000269|PubMed:28179430}

FOXC2 Antibody (Center P198) - Protocols

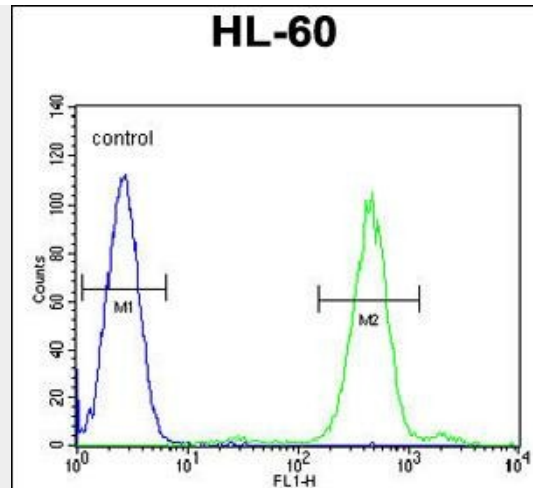
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FOXC2 Antibody (Center P198) - Images



FOXC2 Antibody (Center P198) (Cat. #AP11579c) 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).



FOXC2 Antibody (Center P198) (Cat. #AP11579c) 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.

FOXC2 Antibody (Center P198) - Background

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.

FOXC2 Antibody (Center P198) - 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) :