

## ARG63332 anti-FOXC2 antibody

Package: 100 µg, 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes FOXC2
Tested Reactivity	Hu
Predict Reactivity	Cow, Rat, Dog
Tested Application	FACS, IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FOXC2
Species	Human
Immunogen	RHAAPYSYDCTKY
Conjugation	Un-conjugated
Alternate Names	LD; FKHL14; Transcription factor FKHL-14; Forkhead box protein C2; MFH-1; MFH1; MFH-1 protein; Mesenchyme fork head protein 1; Forkhead-related protein FKHL14

### Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	IHC-P	Assay-dependent
	WB	1 - 2 µg/ml

**Application Note** WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links

[GeneID: 2303 Human](#)

[Swiss-port # Q99958 Human](#)

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. [provided by RefSeq, Jul 2008]

Highlight

Related Antibody Duos and Panels:

[ARG30314 Chondrogenesis Marker Antibody Panel](#)

Related products:

[FOXC2 antibodies](#); [FOXC2 Duos / Panels](#); [Anti-Goat IgG secondary antibodies](#);

Research Area

Developmental Biology antibody; Gene Regulation antibody; Metabolism antibody; Chondrogenesis Study antibody

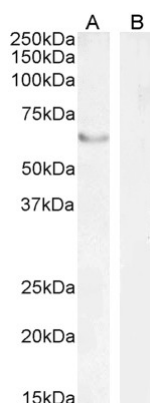
Calculated Mw

54 kDa

PTM

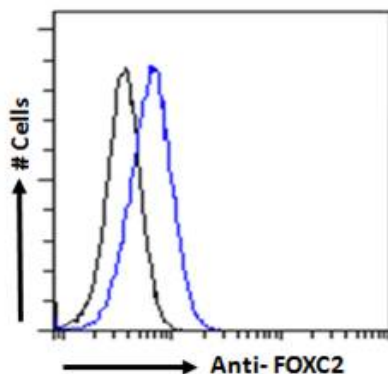
Phosphorylation regulates FOXC2 transcriptional activity by promoting its recruitment to chromatin.

## Images



ARG63332 anti-FOXC2 antibody WB image

Western blot: 35 µg of HEK293 nucleus (A) and Human pancreas (B, negative control) lysates (in RIPA buffer) stained with ARG63332 anti-FOXC2 antibody at 2 µg/ml (A) and 1 µg/ml (B) dilutions and incubated at RT for 1 hour.



ARG63332 anti-FOXC2 antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed HEK293 cells permeabilized with 0.5% Triton. Cells were stained with ARG63332 anti-FOXC2 antibody (blue line) at 10 µg/ml dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).