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 FKH-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

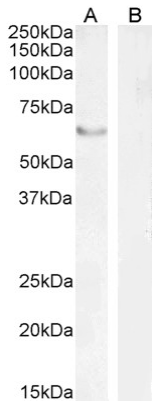
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage 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

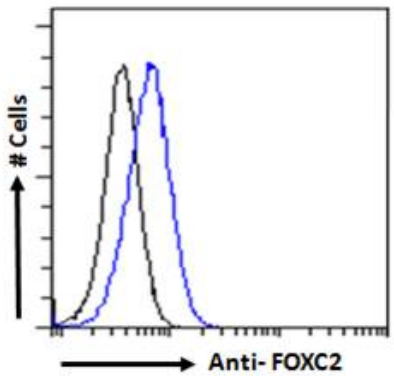
Database links	GeneID: 2303 Human Swiss-port # Q99958 Human
Background	This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in the 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).