Datasheet for ABIN185028

anti-FOXC1 antibody (C-Term)

8 Images

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Overview

Quantity:	100 µg
Target:	FOXC1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FOXC1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	FOXC1 (C Term)
Immunogen:	Peptide with sequence RTSGAFVYDCSKF, from the C Terminus of the protein sequence according to NP_001444.2.
Sequence:	RTSGAFVYDC SKF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

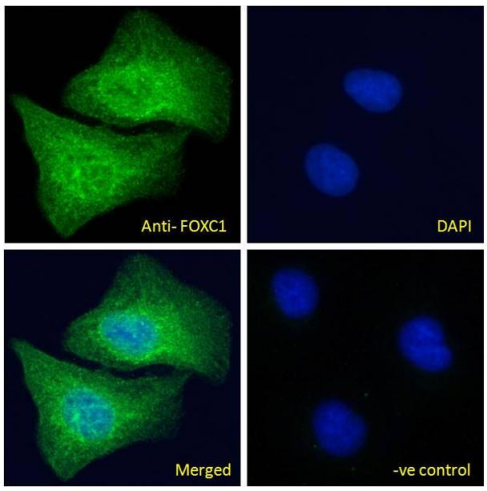
Target:	FOXC1
Alternative Name:	FOXC1 (FOXC1 Products)
Background:	FOXC1, forkhead box C1, ARA, IGDA, IHG1, FKHL7, IRID1, FREAC3, iridogoniodysgenesis type 1, forkhead (Drosophila)-like 7, forkhead-related activator 3, Forkhead, drosophila, homolog-like 7, FREAC-3, RIEG3, forkhead/winged helix-like transcription factor 7
Gene ID:	2296, 17300
NCBI Accession:	NP_001444
Pathways:	Chromatin Binding, Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm and nucleus of U2OS cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of HEK293 cells. Recommended concentrat
Restrictions:	For Research Use only

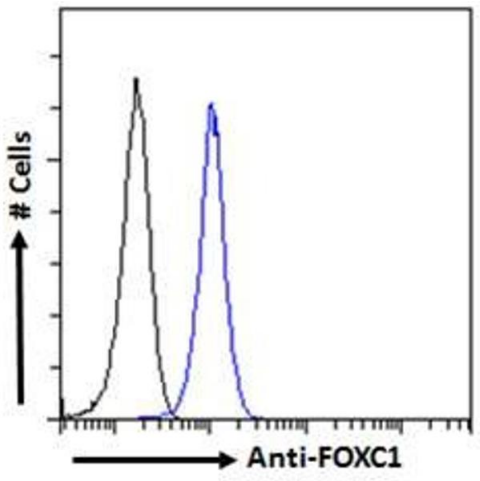
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



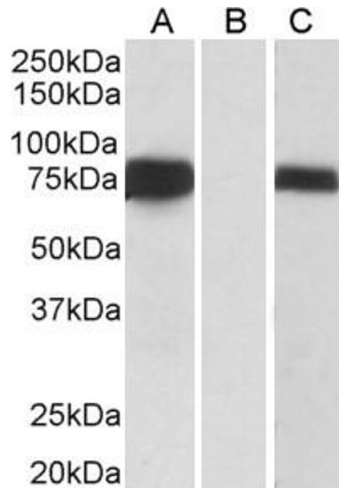
Immunofluorescence

Image 1. ABIN185028 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Flow Cytometry

Image 2. ABIN185028 Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western Blotting

Image 3. ABIN185028 (0.5µg/ml) staining of transfected HEK293 transiently expressing full-length Human FOXC1 (myc and DYKDDDDK tagged). Detected by chemiluminescence.

Please check the product details page for more images. Overall 8 images are available for ABIN185028.