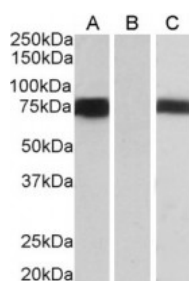




## FOXC1 Antibody

CATALOG NUMBER: 45-603



HEK293 lysate (10ug protein in RIPA buffer) over expressing Human FOXC1 with DYKDDDDK tag probed with antibody (1ug/ml) in Lane A and probed with anti-DYKDDDDK Tag (1/3000) in lane C. Mock-transfected HEK293 probed with antibody (1mg/ml) in Lane B. Primary

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Zebrafish
<b>TESTED APPLICATIONS:</b>	ChIP, ELISA, IHC-P, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:4000. Western Blot: In transfected HEK293 transiently expressing full-length Human FOXC1 (myc and DYKDDDDK tagged), a band of approx. 75kDa was observed. No bands were observed in mock-transfected and the same band was observed using anti-DYKDDDDK tag antibody Immunohistochemistry: In paraffin embedded Human Kidney shows nuclear staining in DCT and select nuclear staining in the glomerulus. Recommended concentration, 4-6ug/ml. Customer successfully used in IHC-P in mouse (periocular mesenchyme, cornea) Chromatin immunoprecipitation: Customer successfully used this antibody in ChIP from human cell line. This antibody has also been successfully described in a paper on zebrafish embryos (PubMed: 17000708).
<b>POSITIVE CONTROL:</b>	1) Human Bone Marrow Lysate
<b>IMMUNOGEN:</b>	FOXC1 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of FOXC1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	FOXC1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	FOXC1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

#### Additional Info

ALTERNATE NAMES:	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
ACCESSION NO.:	NP_001444.1
PROTEIN GI NO.:	4503735
OFFICIAL SYMBOL:	FOXC1
GENE ID:	2296

#### Background

REFERENCES:	1) Zhou Y, Kato H, Asanoma K, Kondo H, Arima T, Kato K, Matsuda T, Wake N. Identification of FOXC1 as a TGF-beta1 responsive gene and its involvement in negative regulation of cell growth. Genomics. 2002 Nov;80(5):465-72.
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