



Datasheet for ABIN1679876  
**anti-FOXC1 antibody (AA 404-553)**



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1 Image

Overview

Quantity:	100 µg
Target:	FOXC1
Binding Specificity:	AA 404-553
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 404-553 of human FOXC1 (NP_001444.2).
Sequence:	AAGERGGHLQ GAPGGAGGSA VDDPLPDYSL PPVTSSSSSS LSHGGGGGGG GGGQEAGHHP AAHQGRLTSW YLNQAGGDLG HLASAAAAAA AAGYPGQQQN FHSVREMFES QRIGLNNSPV NGNSSCQMAF PSSQSLYRTS GAFVYDCSKF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	FOXC1
Alternative Name:	FOXC1 ( <a href="#">FOXC1 Products</a> )
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 has been shown to play a role in the regulation of embryonic and ocular development. Mutations in this gene cause various glaucoma phenotypes including primary congenital glaucoma, autosomal dominant iridogoniodysgenesis anomaly, and Axenfeld-Rieger anomaly.,FOXC1,ARA,ASGD3,FKHL7,FREAC-3,FREAC3,IGDA,IHG1,IRID1,RIEG3,Epigenetics & Nuclear Signaling,Transcription Factors,Cell Biology & Developmental Biology,FOXC1
Molecular Weight:	56 kDa
Gene ID:	2296
UniProt:	<a href="#">Q12948</a>
Pathways:	<a href="#">Chromatin Binding</a> , <a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

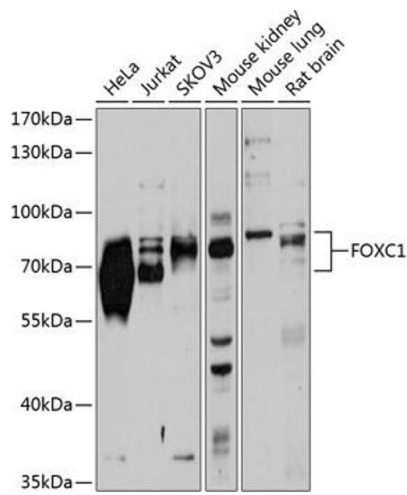
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Application Notes:	WB,1:100 - 1:1000,IHC,1:50 - 1:100
Restrictions:	For Research Use only

## Handling

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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using FOXC1 antibody (ABIN1679875, ABIN1679876, ABIN5664185 and ABIN6219917) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.