

## FOXC1 Antibody (RQ5578)

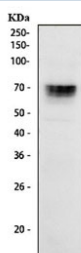
Catalog No.	Formulation	Size
RQ5578	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

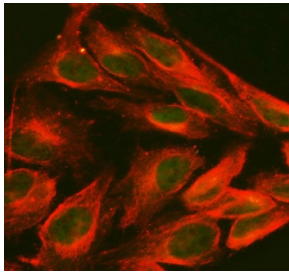
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q12948
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This FOXC1 antibody is available for research use only.



Western blot testing of human HEK293 cell lysate with FOXC1 antibody. Predicted molecular weight: ~57 kDa, routinely observed at up to 75 kDa.



Western blot testing of human 293T cell lysate with FOXC1 antibody. Predicted molecular weight: ~57 kDa, routinely observed at up to 75 kDa.



Immunofluorescent staining of FFPE human HeLa cells with FOXC1 antibody (green) and Alpha Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.

## Description

Forkhead box C1, also known as FOXC1, is a protein which in humans is encoded by the FOXC1 gene. It is mapped to 6p25.3. 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.

## Application Notes

Optimal dilution of the FOXC1 antibody should be determined by the researcher.

## Immunogen

A human recombinant protein (amino acids T392-F554) was used as the immunogen for the FOXC1 antibody.

## Storage

After reconstitution, the FOXC1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.