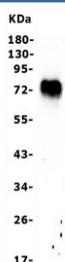


FOXC1 Antibody (RQ5578)

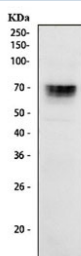
Catalog No.	Formulation	Size
RQ5578	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

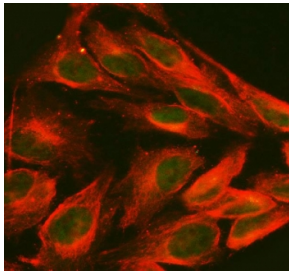
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q12948
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml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