

For Research Use Only

# FOXC1 Polyclonal antibody

Catalog Number: 30082-1-AP



## Basic Information

Catalog Number:

30082-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32531

GenBank Accession Number:

NM\_001453.3

GeneID (NCBI):

2296

UNIPROT ID:

Q12948

Full Name:

forkhead box C1

Calculated MW:

57kd

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, Jurkat cells

## Background Information

FOXC1, also named as FKHL7 and FREAC3, binding of FREAC-3 and FREAC-4 to their cognate sites results in bending of the DNA at an angle of 80-90 degrees. Defects in FOXC1 are the cause of Axenfeld-Rieger syndrome type 3 (RIEG3). Defects in FOXC1 are the cause of iridogoniodysgenesis anomaly (IGDA). Defects in FOXC1 are a cause of Peters anomaly. This antibody is specific to FOXC1. Phosphorylation modification of Foxc1 protein may be responsible for the larger molecular weight of detection compared with theoretical molecular weight (PMID:27708239;16403239).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

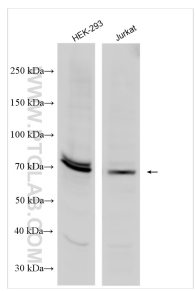
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30082-1-AP (FOXC1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.