

For Research Use Only

# FOXC1 Polyclonal antibody, PBS Only

Catalog Number:30082-1-PBS



## Basic Information

<b>Catalog Number:</b> 30082-1-PBS	<b>GenBank Accession Number:</b> NM_001453.3	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 2296	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q12948	
<b>Isotype:</b> IgG	<b>Full Name:</b> forkhead box C1	
<b>Immunogen Catalog Number:</b> AG32531	<b>Calculated MW:</b> 57kd	
	<b>Observed MW:</b> 70 kDa	

## Applications

**Tested Applications:**  
**Species Specificity:**  
human

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage Buffer:**  
PBS Only

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

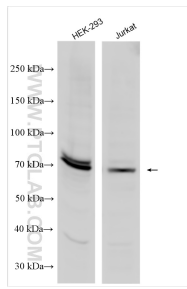
T: 4006900926

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. This data was developed using the same antibody clone with 30082-1-PBS in a different storage buffer formulation.