

For Research Use Only

FOXC1 Polyclonal antibody

Catalog Number: 30082-1-AP



Basic Information

Catalog Number: 30082-1-AP	GenBank Accession Number: NM_001453.3	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 2296	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: forkhead box C1	
Isotype: IgG	Calculated MW: 57kd	
Immunogen Catalog Number: AG32531	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, Jurkat cells
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

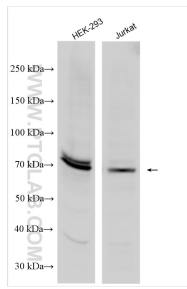
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.