

For Research Use Only

FOXC1 Polyclonal antibody, PBS Only

Catalog Number:30082-1-PBS



Basic Information

Catalog Number: 30082-1-PBS	GenBank Accession Number: NM_001453.3	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2296	
Source: Rabbit	UNIPROT ID: Q12948	
Isotype: IgG	Full Name: forkhead box C1	
Immunogen Catalog Number: AG32531	Calculated MW: 57kd	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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.

Storage Buffer:
PBS Only

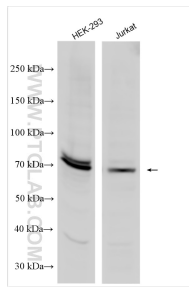
For technical support and original validation data for this product please contact:

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