

For Research Use Only

# FOXJ1 Polyclonal antibody

Catalog Number: 25903-1-AP



## Basic Information

Catalog Number:	25903-1-AP	GenBank Accession Number:	BC046460	Purification Method:	Antigen affinity purification
Size:	150ul , Concentration: 2000 ug/ml by Nanodrop;	GeneID (NCBI):	2302	Recommended Dilutions:	WB 1:1000-1:5000 IHC 1:200-1:800
Source:	Rabbit	UNIPROT ID:	Q92949		
Isotype:	IgG	Full Name:	forkhead box J1		
Immunogen Catalog Number:	AG20827	Calculated MW:	45 kDa		
		Observed MW:	50 kDa		

## Applications

Tested Applications:	WB, IHC, ELISA	Positive Controls:	
Species Specificity:	human, mouse, rat	WB :	mouse liver tissue, rat liver tissue
		IHC :	mouse liver tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>			

## Background Information

FOXJ1 (Forkhead box protein J1) acts by activating the transcription of genes mediating motile cilia's assembly, such as CFAP157. It binds the DNA consensus sequences 5'-HWDGTGTTGTTTA-3' or 5'-KTTTGTTGTTKW-3' (where H is not G, W is A or T, D is not C, and K is G or T), and activates the transcription of a variety of ciliary proteins in the developing brain and lung (PMID: 31630787).

## Storage

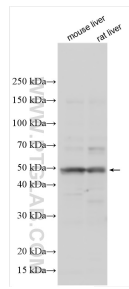
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

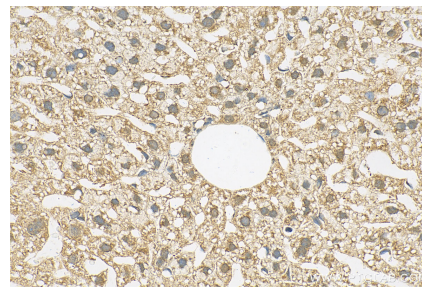
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25903-1-AP (FOXJ1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 25903-1-AP (FOXJ1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).