

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: 2000 ug/ml	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,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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'-HWDTGTTTGTTA-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

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

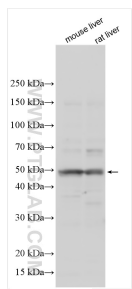
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).