

For Research Use Only

FOXJ1 Polyclonal antibody, PBS Only

Catalog Number:25903-1-PBS



Basic Information

Catalog Number:

25903-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20827

GenBank Accession Number:

BC046460

GeneID (NCBI):

2302

UNIPROT ID:

Q92949

Full Name:

forkhead box J1

Calculated MW:

45 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

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'-KTTTGTGTTKTW-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 -80°C.

Storage Buffer:

PBS Only

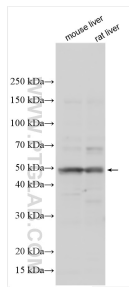
For technical support and original validation data for this product please contact:

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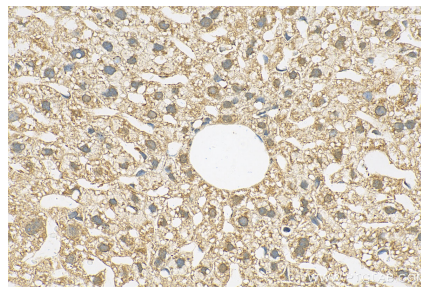
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 25903-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 25903-1-PBS in a different storage buffer formulation.