

For Research Use Only

FOXQ1 Polyclonal antibody

Catalog Number: 23718-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 23718-1-AP	GenBank Accession Number: BC053850	Purification Method: Antigen Affinity purified
Size: 150ul, Concentration: 900 µg/ml by Nanodrop and 487 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 94234	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: forkhead box Q1	
Isotype: IgG	Calculated MW: 403 aa, 41 kDa	
Immunogen Catalog Number: AG20545	Observed MW: 42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: mouse kidney tissue, rat kidney tissue
Cited Applications: IF, IHC, IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

Forkhead box Q1 (FOXQ1, also known as HFH1), a member of the FOX gene family, contains the core DNA binding domain, whereas the flanking wings of FOXQ1 contribute to its sequence specificity. FOXQ1 is known to repress the promoter activity of smooth muscle-specific genes, such as telokin and SM22a. FOXQ1 expression is regulated by Hoxa1 in embryonic stem cells. [PMID:15722554, 8139574] As a transcription factor, FOXQ1 represses the promoter activity of smooth muscle-specific genes, such as telokin and SM22a, in A10 vascular muscle cells [PMID:10896677].

Notable Publications

Author	Pubmed ID	Journal	Application
Zhichao Jin	35600345	Front Oncol	WB
Su-Hyeong Kim	35512572	Mol Carcinog	WB
Su-Hyeong Kim	33509807	Cancer Prev Res (Phila)	WB

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

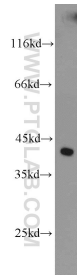
For technical support and original validation data for this product please contact:

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Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 23718-1-AP (FOXQ1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.