

For Research Use Only

# FOXQ1 Polyclonal antibody, PBS Only

Catalog Number: 23718-1-PBS

Featured Product



## Basic Information

Catalog Number:

23718-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20545

GenBank Accession Number:

BC053850

GeneID (NCBI):

94234

UNIPROT ID:

Q9C009

Full Name:

forkhead box Q1

Calculated MW:

403 aa, 41 kDa

Observed MW:

42 kDa

Purification Method:

Antigen Affinity purified

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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 SM22 $\alpha$ . 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 SM22 $\alpha$ , in A10 vascular muscle cells [PMID:10896677].

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

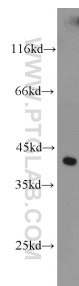
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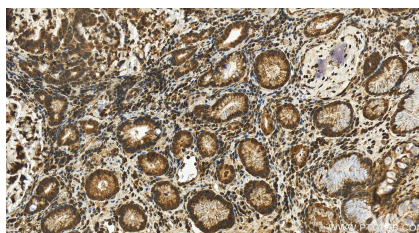
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## Selected Validation Data



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. This data was developed using the same antibody clone with 23718-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 23718-1-AP (FOXQ1 antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 23718-1-PBS in a different storage buffer formulation.