

For Research Use Only

FOXQ1 Polyclonal antibody

Catalog Number: 23718-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

23718-1-AP

Size:

900 ug/ml

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

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:400-1:1600

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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

Positive Controls:

WB : mouse kidney tissue, rat kidney tissue

IHC : human stomach cancer tissue,

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 α . 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 α , 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

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

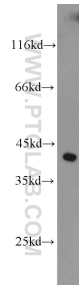
T: 4006900926

E: Proteintech-CN@ptglab.com

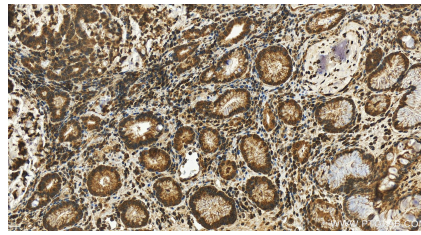
W: ptgcn.com

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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.



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).