

For Research Use Only

FOXH1-Specific Polyclonal antibody

Catalog Number:20268-1-AP



Basic Information

Catalog Number:

20268-1-AP

Size:

150ul , Concentration: 160 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003923

GeneID (NCBI):

8928

UNIPROT ID:

O75593

Full Name:

forkhead box H1

Calculated MW:

39 kDa

Observed MW:

40-44 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue, L02 cells

Background Information

FOXH1, also named as FAST1 and FAST2, is a transcriptional activator. FOXH1 recognizes and binds to the DNA sequence 5'-TGT[GT][GT]ATT-3'. It is required for induction of the gooseoid (GSC) promoter by TGF-beta or activin signaling. It forms a transcriptionally active complex containing FOXH1/SMAD2/SMAD4 on a site on the GSC promoter called TARE (TGF-beta/activin response element). The antibody is specific to FOXH1.

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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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 20268-1-AP (FOXH1-Specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.