

For Research Use Only

# FOXH1-Specific Polyclonal antibody



Catalog Number: 20268-1-AP

## Basic Information

<b>Catalog Number:</b> 20268-1-AP	<b>GenBank Accession Number:</b> NM_003923	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 160 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8928	<b>Recommended Dilutions:</b> WB 1:200-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> forkhead box H1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 39 kDa	
	<b>Observed MW:</b> 40-44 kDa	

## Applications

<b>Tested Applications:</b> WB,ELISA	<b>Positive Controls:</b> WB : mouse liver tissue, L02 cells
<b>Species Specificity:</b> human, mouse, rat	

## 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**

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

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## 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.