

# FOXH1-Specific Polyclonal antibody

Catalog Number: 20268-1-AP

## Basic Information

**Catalog Number:**

20268-1-AP

**Size:**

160 µg/ml

**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 goosecoid (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

## 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.