

For Research Use Only

# HNF1A Polyclonal ANTIBODY



Catalog Number: 22426-1-AP **4 Publications**

## Basic Information

**Catalog Number:**

22426-1-AP

**Size:**

150UL, Concentration: 560 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG18188

**GenBank Accession Number:**

BC104910

**GeneID (NCBI):**

6927

**Full Name:**

HNF1 homeobox A

**Calculated MW:**

631 aa, 67 kDa

**Observed MW:**

67 kDa

**Purification Method:**

Antigen Affinity purified

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

ChIP, co-IP, WB

**Species Specificity:**

human, rat, mouse

**Cited Species:**

human, rat

**Positive Controls:**

WB: rat liver tissue, SMMC-7721 cells

IP: mouse liver tissue,

## Background Information

HNF-1, a homeoprotein family designated the Hepatocyte Nuclear Factor family. The various HNF-1 isoforms regulate transcription of genes in the liver as well as in other tissues such as kidney, small intestine and thymus. HNF1 as a transcriptional activator that regulates the tissue specific expression of multiple genes, especially in pancreatic islet cells and in liver. It is required for the expression of several liver specific genes and binds to the inverted palindrome 5'-GTTAATNATTAAC-3'.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tianpeng Zhang	30555544	Theranostics	WB,co-IP
Zhen-Li Su	32203084	Acta Pharmacol Sin	WB
Shuaishuai Teng	31811277	Cell Res	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

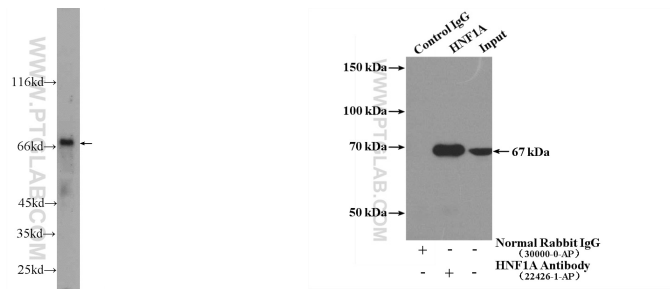
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



rat liver tissue were subjected to SDS PAGE followed by western blot with 22426-1-AP (HNF1A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

IP Result of anti-HNF1A (IP:22426-1-AP, 4ug; Detection:22426-1-AP 1:800) with mouse liver tissue lysate 3600ug.