

For Research Use Only

HNF1A Polyclonal antibody

Catalog Number: 22426-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

22426-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 513 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18188

GenBank Accession Number:

BC104910

GeneID (NCBI):

6927

UNIPROT ID:

P20823

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 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, CoIP, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB: rat liver tissue, SMMC-7721 cells, HuH-7 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, CoIP
Linlin Zhang	33980820	Cell Death Dis	CoIP
Zhen-Li Su	32203084	Acta Pharmacol Sin	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

*** 20ul sizes contain 0.1% BSA

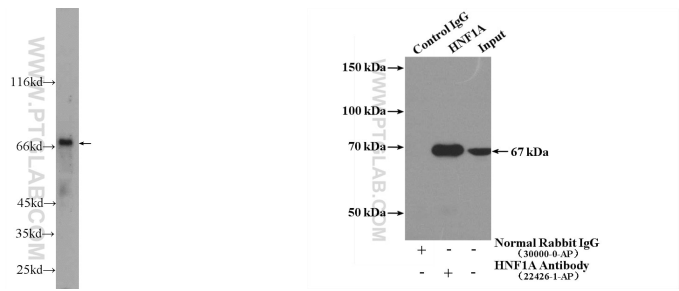
For technical support and original validation data for this product please contact:

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

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

Selected Validation Data



rat liver tissue were subjected to SDS PAGE followed by western blot with 22426-1-AP (HNF 1A 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.