

**HNF1A Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8717c****Specification**

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**HNF1A Antibody (Center) - Product Information**

Application	IF, WB,E
Primary Accession	<a href="#">P20823</a>
Other Accession	<a href="#">P15257</a> , <a href="#">P22361</a>
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	67386
Antigen Region	177-205

**HNF1A Antibody (Center) - Additional Information****Gene ID** 6927**Other Names**

Hepatocyte nuclear factor 1-alpha, HNF-1-alpha, HNF-1A, Liver-specific transcription factor LF-B1, LFB1, Transcription factor 1, TCF-1, HNF1A, TCF1

**Target/Specificity**

This HNF1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 177-205 amino acids from the Central region of human HNF1A.

**Dilution**

IF~~1:10~50

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

HNF1A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**HNF1A Antibody (Center) - Protein Information****Name** HNF1A

## Synonyms TCF1

**Function** Transcriptional activator that regulates the tissue specific expression of multiple genes, especially in pancreatic islet cells and in liver (By similarity). Binds to the inverted palindrome 5'-GTTAATNATTAAC-3' (PubMed:[10966642](#), PubMed:[12453420](#)). Activates the transcription of CYP1A2, CYP2E1 and CYP3A11 (By similarity).

## Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:10966642, ECO:0000269|PubMed:38018242}

## Tissue Location

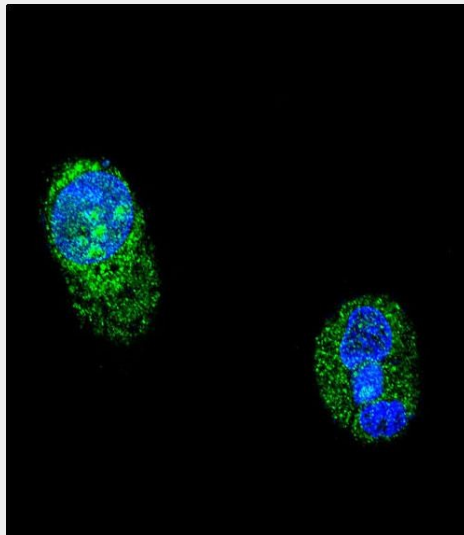
Liver.

## HNF1A Antibody (Center) - Protocols

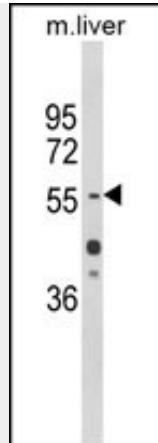
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## HNF1A Antibody (Center) - Images



Confocal immunofluorescent analysis of HNF1A Antibody (Center)(Cat#AP8717c) with HepG2 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western blot analysis of HNF1A Antibody (Center) (Cat. #AP8717c) in mouse liver tissue lysates (35ug/lane). HNF1A (arrow) was detected using the purified Pab.

### **HNF1A Antibody (Center) - Background**

HNF1A is a transcription factor required for the expression of several liver-specific genes. This protein functions as a homodimer and binds to the inverted palindrome 5'-GTTAATNATTAAC-3'.

### **HNF1A Antibody (Center) - References**

Bach,I., et.al., Genomics 8 (1), 155-164 (1990)