

**HNF-4-alpha Antibody**  
Rabbit mAb  
Catalog # AP90753

## Specification

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### HNF-4-alpha Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">P41235</a>
Clonality	Monoclonal
<b>Other Names</b>	
NR2A1; HNF4A; Hepatocyte nuclear factor 4-alpha; HNF-4-alpha; Transcription factor 14; TCF-14; Transcription factor HNF-4; HNF4; TCF14; Nuclear receptor subfamily 2 group A member 1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	52785 Da

### HNF-4-alpha Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human HNF-4-alpha
Description	HNF-4-alpha is a transcription factor that belongs to the steroid hormone receptor superfamily. Binds to DNA sites required for the transcription of alpha 1-antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1-alpha.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### HNF-4-alpha Antibody - Protein Information

**Name** HNF4A

**Synonyms** HNF4, NR2A1, TCF14

#### Function

Transcriptional regulator which controls the expression of hepatic genes during the transition of endodermal cells to hepatic progenitor cells, facilitating the recruitment of RNA pol II to the promoters of target genes (PubMed:<http://www.uniprot.org/citations/30597922> target="\_blank">30597922</a>). Activates the transcription of CYP2C38 (By similarity). Represses the CLOCK-BMAL1 transcriptional activity and is essential for circadian rhythm maintenance and period regulation in the liver and colon cells (PubMed:<http://www.uniprot.org/citations/30530698> target="\_blank">30530698</a>).

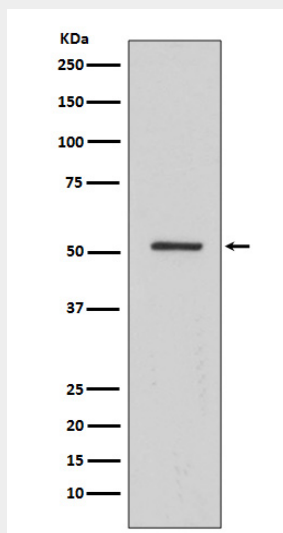
**Cellular Location**  
Nucleus.

### **HNF-4-alpha Antibody - 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](#)

### **HNF-4-alpha Antibody - Images**



Western blot analysis of HNF-4-alpha expression in A549 cell lysate.