

# HNF-4-alpha Antibody

Rabbit mAb

Catalog # AP90753

## Product Information

<b>Application</b>	WB, IHC, IF, FC, ICC, IHF
<b>Primary Accession</b>	<a href="#">P41235</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	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;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	52785

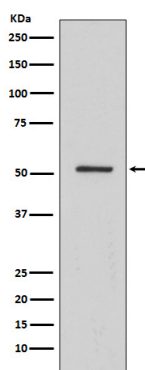
## Additional Information

<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human HNF-4-alpha
<b>Description</b>	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.
<b>Storage Condition and Buffer</b>	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.

## Protein Information

<b>Name</b>	HNF4A
<b>Synonyms</b>	HNF4, NR2A1, TCF14
<b>Function</b>	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: <a href="#">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: <a href="#">30530698</a> ).
<b>Cellular Location</b>	Nucleus.

## Images



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

Image not found : 202311/AP90753-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human kidney, using HNF-4-alpha Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.