

# HNF-4-alpha Antibody

Rabbit mAb

Catalog # AP92823

## Product Information

<b>Application</b>	WB, IHC, IP
<b>Primary Accession</b>	<a href="#">P41235</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	FRTS4; Hepatic nuclear factor 4 alpha; Hepatocyte nuclear factor 4 alpha; Hepatocyte nuclear factor 4; HNF 4 alpha; HNF 4; HNF4; HNF4A; HNF4a7; HNF4a8; HNF4a9; Hnf4alpha; HNF4alpha10/11/12; MODY 1; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14; Tcf4; Transcription factor 14; Transcription factor HNF4;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	52785

## Additional Information

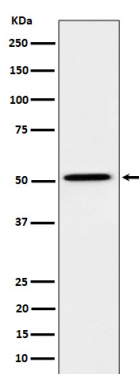
<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human HNF-4-alpha
<b>Description</b>	Transcriptionally controlled transcription factor. Binds to DNA sites required for the transcription of alpha 1-antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1-alpha. May be essential for development of the liver, kidney and intestine.
<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

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Western blot analysis of HNF-4-alpha expression in HepG2 cell lysate.

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