

# HNF-4α Polyclonal Antibody

Catalog # AP70372

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P41235</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	52785

## Additional Information

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<b>Gene ID</b>	3172
<b>Other Names</b>	HNF4A; HNF4; NR2A1; TCF14; Hepatocyte nuclear factor 4-alpha; HNF-4-alpha; Nuclear receptor subfamily 2 group A member 1; Transcription factor 14; TCF-14; Transcription factor HNF-4
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<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.

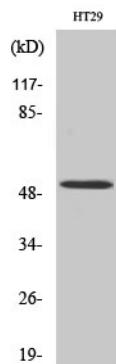
## Background

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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.

## Images

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Western Blot analysis of various cells using HNF-4 $\alpha$   
Polyclonal Antibody diluted at 1 : 2000

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