

**HNF4A / HNF4 Antibody (N-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS12606****Specification**

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**HNF4A / HNF4 Antibody (N-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">P41235</a>
Reactivity	Human, Rabbit, Hamster, Monkey, Pig, Horse, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	53kDa KDa

**HNF4A / HNF4 Antibody (N-Terminus) - Additional Information****Gene ID** 3172**Other Names**

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, HNF4A, HNF4, NR2A1, TCF14

**Target/Specificity**

Human HNF4A / HNF4. This antibody is expected to recognise the reported isoforms a, b and c (NP\_849180.1; NP\_000448.3; NP\_849181.1 resp.).

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

HNF4A / HNF4 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**HNF4A / HNF4 Antibody (N-Terminus) - 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:&lt;a href="http://www.uniprot.org/citations/30597922" target="\_blank"&gt;30597922&lt;/a&gt;). 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:&lt;a href="http://www.uniprot.org/citations/30530698" target="\_blank"&gt;30530698&lt;/a&gt;).

## Cellular Location

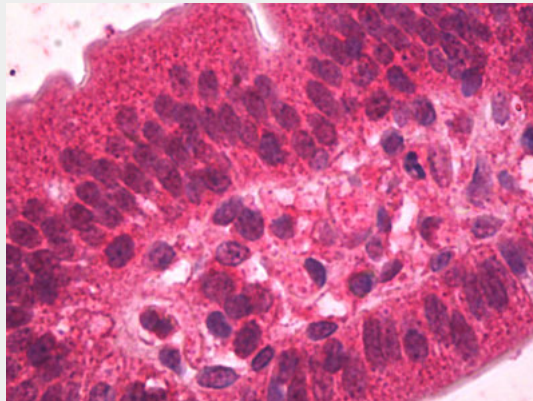
Nucleus.

## HNF4A / HNF4 Antibody (N-Terminus) - 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](#)

## HNF4A / HNF4 Antibody (N-Terminus) - Images



Anti-HNF4A / HNF4 antibody IHC of human small intestine.

## HNF4A / HNF4 Antibody (N-Terminus) - Background

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.

## HNF4A / HNF4 Antibody (N-Terminus) - References

- Kritis A.A., et al. Gene 173:275-280(1996).  
Drewes T., et al. Mol. Cell. Biol. 16:925-931(1996).  
Yamagata K., et al. Nature 384:458-460(1996).  
Tanaka T., et al. Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.  
Deloukas P., et al. Nature 414:865-871(2001).