

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

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

Application	IHC
Primary Accession	P41235
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:30597922). 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:30530698).

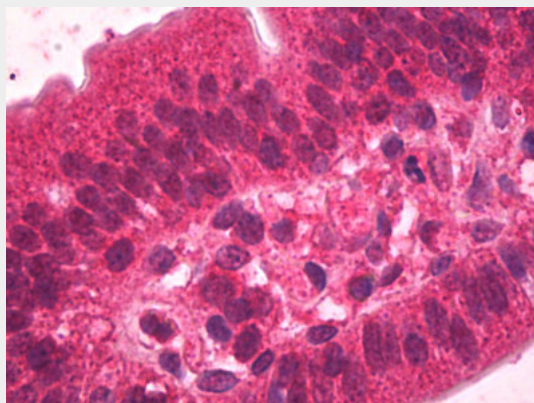
Cellular Location

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).