

**Goat anti-HNF4A Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4511a

### Specification

---

#### Goat anti-HNF4A Antibody - Product Information

Application	<b>IF, Pep-ELISA</b>
Primary Accession	<a href="#">P41235</a>
Other Accession	<a href="#">NP_849180.1</a> , <a href="#">NP_000448.3</a> , <a href="#">NP_787110.2</a> , <a href="#">NP_001025174.1</a> , <a href="#">NP_001245284.1</a> , <a href="#">NP_001274111.1</a> , <a href="#">NP_001274112.1</a>
Reactivity	<b>Human, Mouse, Rat, Dog</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>52785</b>

#### Goat anti-HNF4A Antibody - Additional Information

**Gene ID** 3172

#### Other Names

HNF4A; hepatocyte nuclear factor 4, alpha ; FLJ39654; HNF4; HNF4a7; HNF4a8; HNF4a9; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14; HNF4-alpha; hepatic nuclear factor 4 alpha; hepatocyte nuclear factor 4 alpha; transcription factor-14

#### Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

#### Immunogen

This antibody is expected to recognise isoforms 1, 2, 4, 5, 7, 8 and 9

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Goat anti-HNF4A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### Goat anti-HNF4A Antibody - 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:<a href="http://www.uniprot.org/citations/30597922" target="\_blank">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="http://www.uniprot.org/citations/30530698" target="\_blank">30530698</a>).

**Cellular Location**

Nucleus.

**Goat anti-HNF4A Antibody - 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](#)

**Goat anti-HNF4A Antibody - Images**