

# Goat anti-HNF4A Antibody

Peptide-affinity purified goat antibody

Catalog # AF4511a

## Product Information

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<b>Application</b>	IF, Pep-ELISA
<b>Primary Accession</b>	<a href="#">P41235</a>
<b>Other Accession</b>	<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>
<b>Reactivity</b>	Human, Mouse, Rat, Dog
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	HNF4A
<b>Calculated MW</b>	52785

## Additional Information

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<b>Gene ID</b>	3172
<b>Other Names</b>	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
<b>Dilution</b>	IF~~1:50~200 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Immunogen</b>	This antibody is expected to recognise isoforms 1, 2, 4, 5, 7, 8 and 9
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-HNF4A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## 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:[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.

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