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Goat anti-HNF4A Antibody

Peptide-affinity purified goat antibody
Catalog # AF4511a

Product Information

Application	IF, Pep-ELISA
Primary Accession	P41235
Other Accession	NP_849180.1, NP_000448.3, NP_787110.2, NP_001025174.1, NP_001245284.1, NP_001274111.1, NP_001274112.1
Reactivity	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Clone Names	HNF4A
Calculated MW	52785

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
Dilution	IF~~1:50~200 Pep-ELISA~~N/A
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.

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.

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