

Goat anti-NR5A2 / LRH1 (aa328-338) Antibody
Peptide-affinity purified goat antibody
Catalog # AF4346a**Specification**

Goat anti-NR5A2 / LRH1 (aa328-338) Antibody - Product Information

Application	WB, IHC, Pep-ELISA
Primary Accession	O00482
Other Accession	NP_995582.1 , NP_003813.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	61331

Goat anti-NR5A2 / LRH1 (aa328-338) Antibody - Additional Information**Gene ID** 2494**Other Names**

NR5A2; nuclear receptor subfamily 5, group A, member 2; B1F; B1F2; CPF; FTF; FTZ-F1; FTZ-F1beta; LRH-1; LRH1; hB1F-2; CYP7A promoter-binding factor; alpha-1-fetoprotein transcription factor; b1-binding factor, hepatocyte transcription factor which activat

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 recognize both reported isoforms (NP_995582.1; NP_003813.1).

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-NR5A2 / LRH1 (aa328-338) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-NR5A2 / LRH1 (aa328-338) Antibody - Protein Information**Name** NR5A2**Synonyms** B1F, CPF, FTF**Function**

Nuclear receptor that acts as a key metabolic sensor by regulating the expression of genes involved in bile acid synthesis, cholesterol homeostasis and triglyceride synthesis. Together with

the oxysterol receptors NR1H3/LXR-alpha and NR1H2/LXR-beta, acts as an essential transcriptional regulator of lipid metabolism. Plays an anti-inflammatory role during the hepatic acute phase response by acting as a corepressor: inhibits the hepatic acute phase response by preventing dissociation of the N-CoR corepressor complex (PubMed:20159957). May be responsible for the liver-specific activity of enhancer II, probably in combination with other hepatocyte transcription factors. Key regulator of cholesterol 7-alpha-hydroxylase gene (CYP7A) expression in liver. May also contribute to the regulation of pancreas-specific genes and play important roles in embryonic development. Activates the transcription of CYP2C38 (By similarity).

Cellular Location

Nucleus.

Tissue Location

Abundantly expressed in pancreas, less in liver, very low levels in heart and lung. Expressed in the Hep-G2 cell line Isoform 1 and isoform 2 seem to be present in fetal and adult liver and Hep-G2 cells

Goat anti-NR5A2 / LRH1 (aa328-338) 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-NR5A2 / LRH1 (aa328-338) Antibody - Images