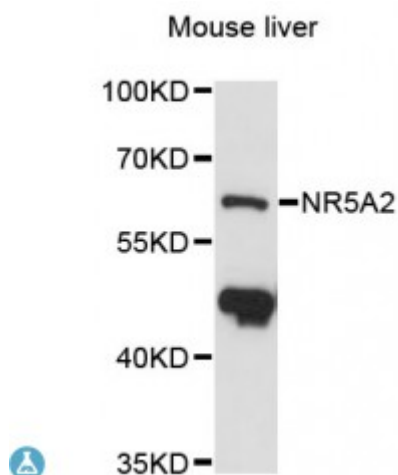


Anti-NR5A2 Antibody



Description

The protein encoded by this gene is a DNA-binding zinc finger transcription factor and is a member of the fushi tarazu factor-1 subfamily of orphan nuclear receptors. The encoded protein is involved in the expression of genes for hepatitis B virus and cholesterol biosynthesis, and may be an important regulator of embryonic development.

Model	STJ115643
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human NR5A2 (NP_003813.1).
Gene ID	2494
Gene Symbol	NR5A2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	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
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Nuclear receptor subfamily 5 group A member 2 Alpha-1-fetoprotein transcription factor B1-binding factor hB1F CYP7A promoter-binding factor Hepatocytic transcription factor Liver receptor homolog 1 LRH-1

Molecular Weight	61.331 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:7984OMIM:604453Reactome:R-HSA-210747
Alternative Names	Nuclear receptor subfamily 5 group A member 2 Alpha-1-fetoprotein transcription factor B1-binding factor hB1F CYP7A promoter-binding factor Hepatocytic transcription factor Liver receptor homolog 1 LRH-1
Function	Binds to the sequence element 5'-AACGACCGACCTTGAG-3' of the enhancer II of hepatitis B virus genes, a critical cis-element of their expression and regulation, 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
Cellular Localization	Nucleus

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