



NR5A2 Monoclonal Antibody

Catalog No	YP-mAb-07040
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	NR5A2 B1F CPF FTF
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 h
Immunogen	Synthesized peptide derived from part region of human protein. AA range 501-541
Specificity	NR5A2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	59kD
Cell Pathway	Nucleus .
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.
Function	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.,similarity: Belongs to the nuclear hormone receptor family. NR5 subfamily.,similarity: Contains 1 nuclear receptor DNA-binding domain.,subunit: Binds DNA as a monomer (By similarity). Interacts with GRIP1, NCOA2 and NR0B2.,tissue specificity: Abundantly expressed in pancreas, less in liver, very low levels in heart and lung. Expressed in he

**Background**

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. [provided by RefSeq, Jun 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images