ARG58707
anti-NR5A2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NR5A2
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NR5A2
Species	Human
Immunogen	Recombinant protein corresponding to K44-R237 of Human NR5A2.
Conjugation	Un-conjugated
Alternate Names	NR5A2; Nuclear Receptor Subfamily 5 Group A Member 2; LRH-1; FTZ-F1beta; FTZ-F1; HB1F-2; HB1F; B1F2; LRH1; FTF; CYP7A Promoter-Binding Factor; B1F; CPF; B1-Binding Factor, Hepatocyte Transcription Factor Which Activates Enhancer II Of Hepatitis B Virus; Nuclear Receptor Subfamily 5, Group A, Member 2; Fetoprotein-Alpha 1 (AFP) Transcription Factor; Alpha-1-Fetoprotein Transcription Factor; Hepatocytic Transcription Factor HB1F-3; Hepatocytic Transcription Factor; Liver Receptor Homolog-1; Liver Receptor Homolog 1; B1-Binding Factor

Application Instructions

Application table

Application	Dilution
WB	0.1 - 0.5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

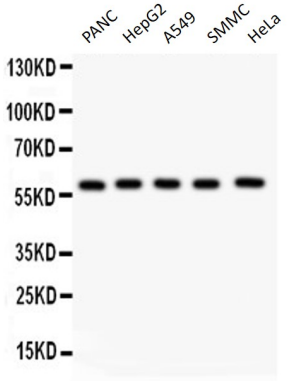
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NR5A2
Gene Full Name	nuclear receptor subfamily 5, group A, member 2
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.
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.
Calculated Mw	61 kDa
PTM	Isopeptide bond, Ubl conjugation
Cellular Localization	Nucleus. [UniProt]

Images



ARG58707 anti-NR5A2 antibody WB image

Western blot: 40 µg of PANC, HepG2, A549, SMMC and HeLa whole cell lysates stained with ARG58707 anti-NR5A2 antibody at 0.5 µg/ml dilution.