

Datasheet for ABIN2779697

anti-NR5A2 + LRH1 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	NR5A2 + LRH1 (NR5A2)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Guinea Pig, Sheep, Dog, Horse, Zebrafish (Danio rerio), Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR5A2 + LRH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NR5A2
Sequence:	LPPTDYDRSP FVTSPISMTM LHGSLQGYQT YGHFPSRAIK SEYPDPYTSS
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 100%, Sheep: 86%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NR5A2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NR5A2 + LRH1 (NR5A2)
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Target Details

Alternative Name:	NR5A2 (NR5A2 Products)
Background:	NR5A2 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. It may be responsible for the liver-specific activity of enhancer II, probably in combination with other hepatocyte transcription factors. It is a key regulator of cholesterol 7-alpha-hydroxylase gene (CYP7A) expression in liver. It may also contribute to the regulation of pancreas-specific genes and play important roles in embryonic development. Alias Symbols: B1F, B1F2, CPF, FTF, FTZ-F1, FTZ-F1beta, LRH-1, hB1F, hB1F-2, LRH1 Protein Interaction Partner: NSD1, NCOA1, CREB1, UBE2I, RAD54L2, NR0B2, GPS2, ILF3, PNRC2, COPS5, PNRC1, BCKDK, NRIP1, SRC, NPPA, FTH1, ALB, SUMO1, PPARGC1A, POLR2D, EDF1, SMARCD3, PROX1, Ncoa3, Ptpn6, CTNNB1, Protein Size: 323
Molecular Weight:	36 kDa
Gene ID:	2494
NCBI Accession:	NM_003822
UniProt:	O60587
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 323 AA
Restrictions:	For Research Use only

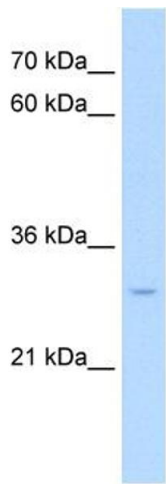
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NR5A2 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate