

Basic Information

Product Name	Anti-NR1H3 Antibody
Gene Name	NR1H3
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human LXR alpha, identical to the related rat and mouse sequences.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	50 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied.

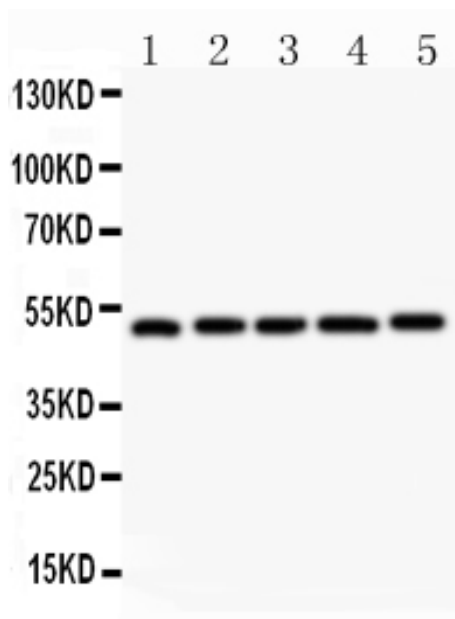
Background Information

LXRA is a tissue-specific cofactor that permits RXRA to function as a potent 9cRA receptor with a distinct target gene specificity. It specifically interacts with RXRA in vivo to form a functional heterodimer in which RXRA is the ligand-binding subunit. Additionally, LXR activity is critical for physiologic lipid metabolism and transport. LXRs are endogenous inhibitors of atherogenesis and are targets for therapeutic intervention in cardiovascular disease. Furthermore, LXRs and their ligands are negative regulators of macrophage inflammatory gene expression. LXR is also found that as a transcriptional switch that integrates hepatic glucose metabolism and fatty acid synthesis. The LXR-IDOL-LDLR axis defines a complementary pathway to sterol response element-binding proteins for sterol regulation of cholesterol uptake.

Reference

Anti-NR1H3 Antibody被引用在1文献中。

Selected Validation Data



Western blot analysis of NR1H3 using anti-NR1H3 antibody

(BA2757-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: Rat liver tissue lysates,

Lane 2: Rat lung tissue lysates,

Lane 3: Rat spleen tissue lysates,

Lane 4: Rat kidney tissue lysates,

Lane 5: Human placenta tissue lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-NR1H3 antigen

affinity purified polyclonal antibody (BA2757-2) at a dilution of

1:1000 and probed with a goat anti-rabbit IgG-HRP secondary

antibody (Catalog # BA1054). The signal is developed using ECL Plus

Western Blotting Substrate (Catalog # AR1197). A specific band was

detected for NR1H3 at approximately 50 kDa. The expected band

size for NR1H3 is at 50 kDa.