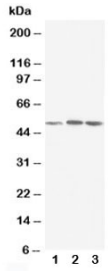
NR1H3 Antibody (LXR alpha) (R30350)

Catalog No.	Formulation	Size
R30350	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q13133
Applications	Western blot: 0.5-1ug/ml
Limitations	This NR1H3 antibody is available for research use only.



Western blot testing of NR1H3 antibody and Lane 1: rat liver; 2: MCF-7; 3: HeLa cell lysate

Description

LXR (Liver X Receptor) alpha, also known as NR1H3, 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.

Application Notes

Titration of the NR1H3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 375-398 (QVERLQHTYVEALHAYVSINHPHD) were used as the immunogen for this NR1H3 antibody (100% homologous in human, mouse and rat).

Storage

The lyophilized NR1H3 antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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