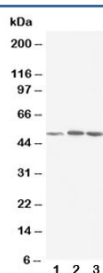


## NR1H3 Antibody (LXR alpha) (R30350)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q13133
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	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.