

## NR1H3 Polyclonal Antibody

<b>Catalog No.</b>	A2141	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB	<b>Observed MW</b>	50kDa
<b>Cross-reactivity</b>	Human, Mouse, Rat	<b>Calculated MW</b>	43kDa/45kDa/50kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 50-330 of human NR1H3 (NP_005684.2).
<b>Gene ID</b>	10062
<b>Swiss prot</b>	Q13133
<b>Synonyms</b>	NR1H3; LXR-a; LXRA; RLD-1; oxysterols receptor LXR-alpha

### Product information

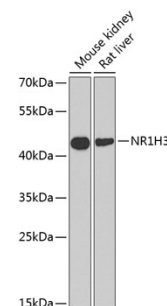
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Background

The protein encoded by this gene belongs to the NR1 subfamily of the nuclear receptor superfamily. The NR1 family members are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. This protein is highly expressed in visceral organs, including liver, kidney and intestine. It forms a heterodimer with retinoid X receptor (RXR), and regulates expression of target genes containing retinoid response elements. Studies in mice lacking this gene suggest that it may play an important role in the regulation of cholesterol homeostasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilutions

WB 1:500 -  
1:2000



Western blot - NR1H3 Polyclonal Antibody (A2141)