

# NR1H2

## Monoclonal ANTIBODY

Catalog Number: 60345-1-Ig

Featured Product

1 Publications

### Basic Information

<b>Catalog Number:</b> 60345-1-Ig	<b>GenBank Accession Number:</b> BC047750	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Size:</b> 150 µg/150 µl	<b>GeneID (NCBI):</b> 7376	
<b>Source:</b> Mouse	<b>Full Name:</b> nuclear receptor subfamily 1, group H, member 2	
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 51 kDa	
<b>Purification Method:</b> Protein G purification	<b>Observed MW:</b> 51 kDa	
<b>Immunogen Catalog Number:</b> AG5635		

### Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human liver tissue; pig liver tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, pig	
<b>Cited Species:</b> human	

### Background Information

NR1H2, also known as LXRB, is a liver Xreceptors, which form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. It preferentially bind to double-stranded oligonucleotide direct repeats, which have the consensus half-site sequence 5'-AGGTCA-3' and 4-nt spacing (DR-4). It involves in the regulation of cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8.

### Notable Publications

Author	Pubmed ID	Journal	Application
Ying Liu	29298812	J Lipid Res	WB

### Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
 Aliquoting is unnecessary for -20°C storage

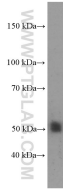
For technical support and original validation data for this product please contact:

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## Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 60345-1-Ig (NR1H2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours