**NR1H2**

Monoclonal ANTIBODY

Catalog Number: 60345-1-Ig

**Basic Information**

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

**Recommended Dilutions:**

WB: 1:500-1:2000

**Applications**

- Tested Applications: WB, ELISA
- Cited Applications: WB
- Species Specificity: human, pig
- Cited Species: human, mouse

**Background Information**

NR1H2, also known as LXRβ, is a liver X receptors, 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**

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<th>Author</th>
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<tbody>
<tr>
<td>Fenghua Guo</td>
<td>30224009</td>
<td>Biochem Biophys Res Commun</td>
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<tr>
<td>Ying Liu</td>
<td>30308886</td>
<td>J Lipid Res</td>
<td>WB</td>
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<tr>
<td>Xiong Wang</td>
<td>31280886</td>
<td>Biochem Biophys Res Commun</td>
<td>WB</td>
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**Storage**

- Store at -20ºC. 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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W: ptglab.com

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human liver tissue were subjected to SDS PAGE followed by western blot with 80346-Ig NR1h2 Antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours