NR1H3 Polyclonal ANTIBODY

Catalog Number: 14351-1-AP  Featured Product  33 Publications

Basic Information

Catalog Number: 14351-1-AP
Size: 29 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG5697

GenBank Accession Number: BC041172
GeneID (NCBI): 10062
Full Name: nuclear receptor subfamily 1, group H, member 3
Calculated MW: 50 kDa
Observed MW: 45-50 kDa

Recommended Dilutions:
WB: 1:500-1:3000

Applications

Tested Applications: WB, ELISA
Cited Applications: IF, WB
Species Specificity:
human, mouse, rat
Cited Species:
human, mouse, rat

Background Information

NR1H3, also known as LXRα, 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’s also a ligand-activated LXRs and forms heterodimers with retinoid X receptor, then participates in regulating expression of target genes containing LXR response elements. NR1H3 exists some isoforms with MV 51 kDa and 43-45 kDa.

Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fenghua Guo</td>
<td>30224060</td>
<td>Biochem Biophys Res Commun</td>
<td>WB</td>
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<tr>
<td>Xuan He</td>
<td>30218721</td>
<td>Life Sci</td>
<td>WB</td>
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<tr>
<td>Ling Zhang</td>
<td>27365310</td>
<td>Biochim Biophys Acta</td>
<td>WB</td>
</tr>
</tbody>
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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:
T: 1 (888) 478-4522 (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Sp2/0 cells were subjected to SDS PAGE followed by western blot with 14391-1-APNRH3 antibody at dilution of 1:800 incubated at room temperature for 1.5 hours.