NR1H3 Polyclonal antibody

**Catalog Number:** 14351-1-AP

**Basic Information**

- **Catalog Number:** 14351-1-AP
- **Size:** 150μl, Concentration: 550 μg/ml by Nanodrop
- **Source:** Rabbit
- **Isotype:** IgG
- **Immunogen Catalog Number:** AG5697
- **GenBank Accession Number:** BCO41172
- **GeneID (NCBI):** 10062
- **Full Name:** nuclear receptor subfamily 1, group H, member 3
- **Purification Method:** Antigen affinity purification
- **Recommended Dilutions:** WB:1:2000-1:10000

**Applications**

- **Tested Applications:** WB, ELISA
- **Cited Applications:** ChIP, IF, IHC, IP, WB
- **Species Specificity:** human, mouse, rat
- **Cited Species:** human, rat, mouse, pig

**Positive Controls:**

- **WB:** HL-60 cells, Sp2/0 cells, rat colon tissue, COLO 320 cells, SH-SYSY cells, THP-1 cells, mouse liver tissue, rat liver tissue

**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 LXRα 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 45-45 kDa.

**Notable Publications**

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<th>Author</th>
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<tr>
<td>Zhongwen Feng</td>
<td>33182043</td>
<td>Int Immunopharmacol</td>
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<tr>
<td>Yong Huang</td>
<td>32958225</td>
<td>Am J Physiol Cell Physiol</td>
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<td>Fenghua Guo</td>
<td>30224060</td>
<td>Biochem Biophys Res Commun</td>
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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**

*** 20μl sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (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.
Selected Validation Data

HL-60 cells were subjected to SDS PAGE followed by western blot with 14351-1-AP (NR1H3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.