

For Research Use Only

# NR1H3 Monoclonal antibody

Catalog Number: 60134-1-Ig **3 Publications**



## Basic Information

<b>Catalog Number:</b> 60134-1-Ig	<b>GenBank Accession Number:</b> BC041172	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1387 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10062	<b>CloneNo.:</b> 4A4F7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q13133	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG1	<b>Full Name:</b> nuclear receptor subfamily 1, group H, member 3	
<b>Immunogen Catalog Number:</b> AG6184	<b>Calculated MW:</b> 50 kDa	
	<b>Observed MW:</b> 44 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : T-47D cells, HepG2 cells, MCF-7 cells, COLO 320 cells
<b>Cited Applications:</b> WB, IHC, IF	
<b>Species Specificity:</b> human, rat, pig	
<b>Cited Species:</b> human, mouse	

## Background Information

NR1H3, also known as LXRA, 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xin Shen	34351342	Food Funct	WB
Yizhe Ma	39511537	Respir Res	WB,IF
Wei Tang	38062450	J Transl Med	IHC

## Storage

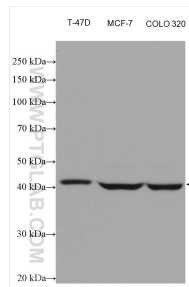
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60134-1-Ig (NR1H3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.