

For Research Use Only

NR1H3 Polyclonal antibody

Catalog Number:14351-1-AP

Featured Product

96 Publications



Basic Information

Catalog Number: 14351-1-AP	GenBank Accession Number: BC041172	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10062	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q13133	
Isotype: IgG	Full Name: nuclear receptor subfamily 1, group H, member 3	
Immunogen Catalog Number: AG5697	Calculated MW: 50 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, pig, rabbit

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HL-60 cells, COLO 320 cells, mouse liver tissue, rat liver tissue, THP-1 cells

IHC : rat liver tissue,

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. NR1H3 exists some isoforms with MV 51 kDa and 43-45 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhongwen Feng	33182043	Int Immunopharmacol	WB
Yong Huang	32938225	Am J Physiol Cell Physiol	WB
Fenghua Guo	30224060	Biochem Biophys Res Commun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

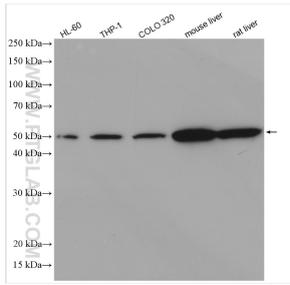
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

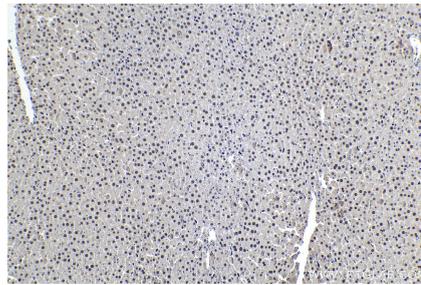
E: proteintech@ptglab.com
W: ptglab.com

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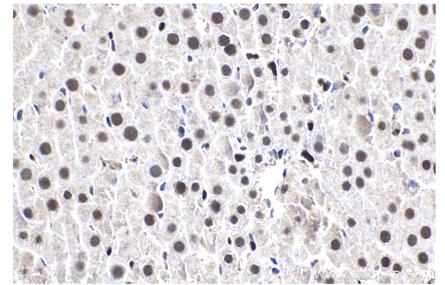
Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 14351-1-AP (NR1H3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 14351-1-AP (NR1H3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).