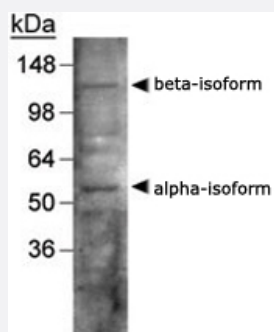


NR1H3/NR1H2 polyclonal antibody

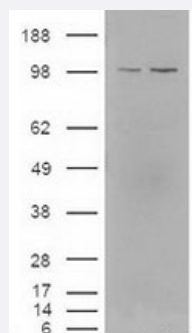
Catalog # PAB12535 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of LXR in human liver using NR1H3/NR1H2 polyclonal antibody (Cat # PAB12535).



Western Blot (Transfected lysate)

Western blot analysis of LXR in lysates of cells that were transfected with the pCMV6-ENTRY control or pCMV6-ENTRY NR1H3 cDNA using NR1H3/NR1H2 polyclonal antibody (Cat # PAB12535).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NR1H3/NR1H2.
Immunogen	A synthetic peptide corresponding to amino acids 50-150 of human NR1H3/NR1H2.
Host	Rabbit
Reactivity	Chicken, Human, Mouse, Primates, Rat
Specificity	This antibody is specific to LXR alpha and beta isoforms.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of LXR in human liver using NR1H3/NR1H2 polyclonal antibody (Cat # PAB12535).

- Western Blot (Transfected lysate)

Western blot analysis of LXR in lysates of cells that were transfected with the pCMV6-ENTRY control or pCMV6-ENTRY NR1H3 cDNA using NR1H3/NR1H2 polyclonal antibody (Cat # PAB12535).

Gene Info — NR1H2

Entrez GeneID	7376
Gene Name	NR1H2
Gene Alias	LXR-b, LXRB, NER, NER-I, RIP15, UNR
Gene Description	nuclear receptor subfamily 1, group H, member 2
Omim ID	600380
Gene Ontology	Hyperlink

Gene Summary	The LX receptors (LXRs) were originally identified as orphan members of the nuclear receptor superfamily because their ligands were unknown. Like other receptors in the family, LXRs heterodimerize with retinoid X receptor (see MIM 180245) and bind to specific response elements (LXREs) characterized by direct repeats separated by 4 nucleotides. Two genes, alpha (LXRA, MIM 602423) and beta, are known to encode LXR proteins (Song et al., 1995 [PubMed 7625741]).[supplied by OMIM]
Other Designations	LX receptor beta liver X receptor beta liver X receptor-beta nuclear orphan receptor LXR-beta oxysterols receptor LXR-beta steroid hormone-nuclear receptor NER ubiquitously-expressed nuclear receptor

Gene Info — NR1H3

Entrez GeneID	10062
Gene Name	NR1H3
Gene Alias	LXR-a, LXRA, RLD-1
Gene Description	nuclear receptor subfamily 1, group H, member 3
Omim ID	602423
Gene Ontology	Hyperlink
Gene Summary	group H
Other Designations	liver X receptor alpha liver X receptor, alpha liver X receptor-alpha

Publication Reference

- [Suppression of 2,3-oxidosqualene cyclase by high fat diet contributes to liver X receptor-alpha-mediated improvement of hepatic lipid profile.](#)

Dang H, Liu Y, Pang W, Li C, Wang N, Shyy JY, Zhu Y.
The Journal of Biological Chemistry 2009 Jan; 284(10):6218.
- [Atorvastatin decreases lipoprotein lipase and endothelial lipase expression in human THP-1 macrophages.](#)

Qiu G, Hill JS.
Journal of Lipid Research 2007 Oct; 48(10):2112.

Application: WB, Human, THP-1 cells
- [NO-1886 upregulates ATP binding cassette transporter A1 and inhibits diet-induced atherosclerosis in Chinese Bama minipigs.](#)

Zhang C, Yin W, Liao D, Huang L, Tang C, Tsutsumi K, Wang Z, Liu Y, Li Q, Hou H, Cai M, Xiao J.
Journal of Lipid Research 2006 Sep; 47(9):2055.

Application: WB-Ti, Pig, Aorta, Liver, Retroperitoneal adipose tissue

Pathway

- [PPAR signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Edema](#)
- [Encephalitis](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Kidney Failure](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)

- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obesity](#)
- [Osteoporosis](#)