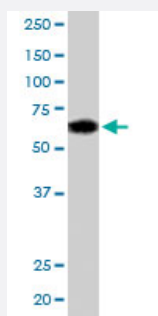


NR1H3/NR1H2 polyclonal antibody

Catalog # PAB6691

Size 100 ug

Applications



Western Blot (Tissue lysate)

The NR1H3/NR1H2 polyclonal antibody (Cat # PAB6691) (1 ug/mL) staining of human spleen lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NR1H3/NR1H2.
Immunogen	A synthetic peptide corresponding to human NR1H3, NR1H2.
Sequence	CRLQDKKLPLLSEI
Host	Goat
Theoretical MW (kDa)	50.5, 50.1
Reactivity	Human, Mouse, Rat
Specificity	This antibody is expected to recognize an epitope corresponding to aa 429-442 of human LXR alpha protein (NP_005684) and to aa 443-456 of human LXR beta protein (NP_009052).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

The NR1H3/NR1H2 polyclonal antibody (Cat # PAB6691) (1 ug/mL) staining of human spleen lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NR1H2

Entrez GeneID	7376
Protein Accession#	NP_005684 (Gene ID : 10062);NP_009052 (Gene ID : 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
Protein Accession#	NP_005684 (Gene ID : 10062);NP_009052 (Gene ID : 7376)
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

- [Identification of macrophage liver X receptors as inhibitors of atherosclerosis.](#)

Tangirala RK, Bischoff ED, Joseph SB, Wagner BL, Walczak R, Laffitte BA, Daige CL, Thomas D, Heyman RA, Mangelsdorf DJ, Wang X, Lusis AJ, Tontonoz P, Schulman IG.

PNAS 2002 Sep; 99(18):11896.

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](#)