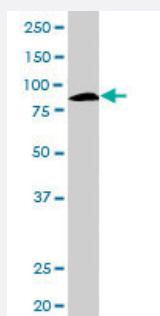


# NR1H2 polyclonal antibody

Catalog # PAB6690

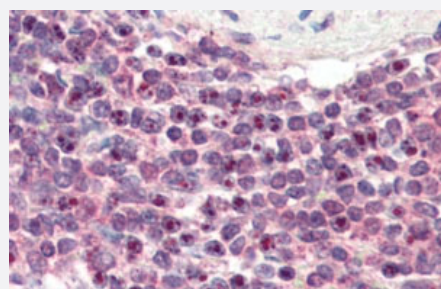
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

NR1H2 polyclonal antibody (Cat # PAB6690) (1 ug/mL) staining of human bone marrow lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

NR1H2 polyclonal antibody (Cat # PAB6690) (3 ug/mL) staining of paraffin embedded human spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

## Specification

### Product Description

Goat polyclonal antibody raised against synthetic peptide of NR1H2.

### Immunogen

A synthetic peptide corresponding to human NR1H2.

### Sequence

SSPTTSSLDTPLPGC

### Host

Goat

### Theoretical MW (kDa)

51

### Reactivity

Human

### Specificity

This antibody is expected to be specific to LXR beta and not to cross-react with LXR alpha.

|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form                    | Liquid                                                                                                                                                                                                |
| Purification            | Antigen affinity purification                                                                                                                                                                         |
| Concentration           | 0.5 mg/mL                                                                                                                                                                                             |
| Quality Control Testing | Antibody Reactive Against Synthetic Peptide.                                                                                                                                                          |
| Recommend Usage         | ELISA (1:64000)<br>Western blot (1-3 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)<br>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.<br>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

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — NR1H2

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Entrez GeneID      | <a href="#">7376</a>                            |
| Protein Accession# | <a href="#">NP_009052</a>                       |
| 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

## 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.

## Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
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- [Diabetes Mellitus](#)
- [Edema](#)
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- [Lymphoma](#)
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