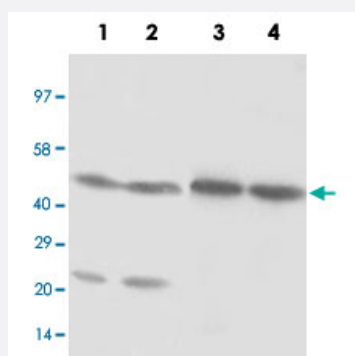


NR1H3 polyclonal antibody

Catalog # PAB13685 Size 100 ug

Applications



Western Blot

Western blot analysis of cell and tissue lysates with NR1H3 polyclonal antibody (Cat # PAB13685).

Lane 1 : Rat liver tissue.

Lane 2 : Rat liver tissue.

Lane 3 : MCF-7.

Lane 4 : HeLa.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NR1H3.
Immunogen	A synthetic peptide corresponding to amino acids at C-terminus of human NR1H3.
Host	Rabbit
Theoretical MW (kDa)	50, 43
Reactivity	Human, Mouse, Rat
Specificity	Identical to the related rat and mouse sequence.
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer

Lyophilized from 0.9 mg NaCl, 0.2 mg Na₂HPO₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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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

- [LXR regulates cholesterol uptake through Idol-dependent ubiquitination of the LDL receptor.](#)

Zelcer N, Hong C, Boyadjian R, Tontonoz P.

Science 2009 Jun; 325(5936):100.

- [The nuclear receptor LXR is a glucose sensor.](#)

Mitro N, Mak PA, Vargas L, Godio C, Hampton E, Molteni V, Kreusch A, Saez E.

Nature 2006 Dec; 445(7124):219.

- [Reciprocal regulation of inflammation and lipid metabolism by liver X receptors.](#)

Joseph SB, Castrillo A, Laffitte BA, Mangelsdorf DJ, Tontonoz P.

Nature Medicine 2003 Jan; 9(2):213.

Pathway

- [PPAR signaling pathway](#)

Disease

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

- [Obesity](#)