

Product Datasheet

LXR beta/NR1H2 Antibody NB100-74457

Unit Size: 100ug

Store at -20C. Avoid freeze-thaw cycles.

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NB100-74457

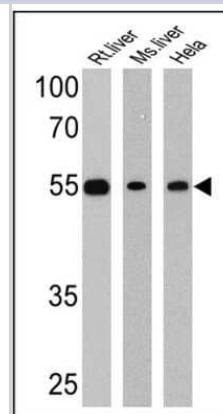
LXR beta/NR1H2 Antibody

Product Information	
Unit Size	100ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA
Product Description	
Host	Rabbit
Gene ID	7376
Gene Symbol	NR1H2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects LXR beta in rat and mouse samples.
Immunogen	Synthetic peptide corresponding to residues R(113) Y A C R G S G T C Q M D A (126) of rat LXR beta.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:200 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000
Application Notes	WB: Detects an approx. 51 kDa protein representing LXR beta in rat and mouse liver samples.

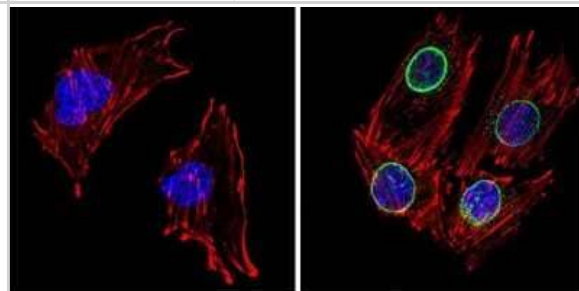


Images

Western Blot: LXR beta/NR1H2 Antibody [NB100-74457] - 25 ug of rat liver (Lane 1), mouse liver (Lane 2) and Hela (Lane 3) cell lysates.



Immunocytochemistry/Immunofluorescence: LXR beta/NR1H2 Antibody [NB100-74457] - Analysis of LXR beta (green) showing positive staining in the nuclear envelope of C2C12 cells (right) compared with a negative control in the absence of primary antibody (left).



Publications

Rudalska R, Harbig J, Snaebjornsson M et al. LXR alpha activation and Raf inhibition trigger lethal lipotoxicity in liver cancer *Nature Cancer* 2021-02-01 [PMID: 35122079]

Daniel Cabezas De La Fuente, Claudia Tamburini, Emily Stonelake, Robert Andrews, Jeremy Hall, Michael J Owen, David E J Linden, Andrew Pocklington, Meng Li Impaired oxysterol-liver X receptor signaling underlies aberrant cortical neurogenesis in a stem cell model of neurodevelopmental disorder. *Cell reports* 2024-04-01 [PMID: 38483902]

De La Fuente D, Tamburini C, Stonelake E et al. Oxysterol-liver X receptor signaling mediates CYFIP1 regulation of cortical neurogenesis *bioRxiv* 2023-06-26 (WB, Human)

Wang JQ, Li LL, Hu A Et al. Inhibition of ASGR1 decreases lipid levels by promoting cholesterol excretion *Nature* 2022-08-03 [PMID: 35922515] (WB)

Details:

Citation using the FITC version of this antibody.

Banno A, Wang J, Okada K Identification of a novel cholesterol-lowering dipeptide, phenylalanine-proline (FP), and its down-regulation of intestinal ABCA1 in hypercholesterolemic rats and Caco-2 cells *Sci Rep* 2019-12-19 [PMID: 31857643] (WB, Rat)

Chen S, Wang JM, Irwin RW et al. Allopregnanolone Promotes Regeneration and Reduces [beta]-Amyloid Burden in a Preclinical Model of Alzheimer's Disease. *PLoS ONE*;6(8). 2011-01-01 [PMID: 21918687]

Guo H, Zhang Y, Brockman DA et al. Lipocalin 2 Deficiency Alters Estradiol Production and Estrogen Receptor Signaling in Female Mice. *Endocrinology*. 2012-01-10 [PMID: 22234464]



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Products Related to NB100-74457

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-33801PEP	LXR beta/NR1H2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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