

Product Datasheet

LXR beta/NR1H2 Antibody

NB100-1464

Unit Size: 0.1 mg

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

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Publications: 4

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NB100-1464

LXR beta/NR1H2 Antibody

| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

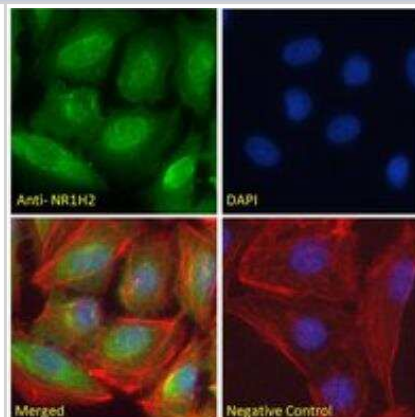
| Product Description | |
|-------------------------|--|
| Description | Novus Biologicals Goat LXR beta/NR1H2 Antibody (NB100-1464) is a polyclonal antibody validated for use in ELISA, Flow and ICC/IF. Anti-LXR beta/NR1H2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Goat |
| Gene ID | 7376 |
| Gene Symbol | NR1H2 |
| Species | Human |
| Specificity/Sensitivity | Based on the peptide used, this antibody is expected to be specific for LXR beta and not to cross-react with LXR alpha. |
| Immunogen | Peptide with sequence SSPTTSSLDTPLPGC corresponding to N-Terminus according to NP_009052.3. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA |
| Recommended Dilutions | Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:28000 |

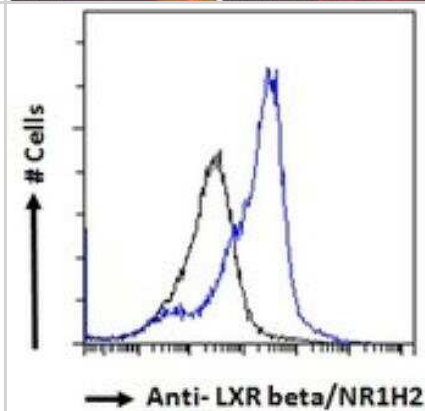


Images

Immunocytochemistry/Immunofluorescence: LXR beta/NR1H2 Antibody [NB100-1464] - Analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry: LXR beta/NR1H2 Antibody [NB100-1464] - Analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Chen Y, Xu Y, Zhao H, Zhou Y et Al. Myeloid-derived suppressor cells deficient in cholesterol biosynthesis promote tumor immune evasion *Cancer Lett* 2023-05-07 [PMID: 37150500]

Wong, KW;Zeng, Y;Tay, E;Teo, JHJ;Cipta, NO;Hamashima, K;Yi, Y;Liu, H;Warrier, T;Le, MTN;Ng, SC;Li, QJ;Li, H;Loh, YH; Nuclear receptor-SINE B1 network modulates expanded pluripotency in blastoids and blastocysts *Nature communications* 2024-11-19 [PMID: 39562549]

Tangirala RK, Bischoff ED, Joseph SB et al. Identification of macrophage liver X receptors as inhibitors of atherosclerosis. *Proc Natl Acad Sci U S A* 2002-09-03 [PMID: 12193651]

Mo J, Fang SJ, Chen W et al. Regulation of ALK-1 signaling by the nuclear receptor LXRbeta. *J Biol Chem* 2002-12-01 [PMID: 12393874]



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Products Related to NB100-1464

| | |
|-----------------|--|
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat 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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