

# Product Datasheet

## LXR alpha/NR1H3 Antibody - BSA Free NBP1-77106

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-77106**

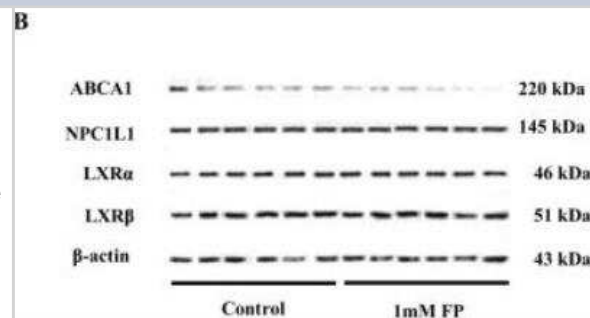
LXR alpha/NR1H3 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	46 kDa
Product Description	
Host	Rabbit
Gene ID	10062
Gene Symbol	NR1H3
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus human LXR-A. The immunogen is located within amino acids 50 - 100 of LXR-A. Amino Acid Sequence: CTRAEPPEPTTEIRPQ
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 5 ug/ml

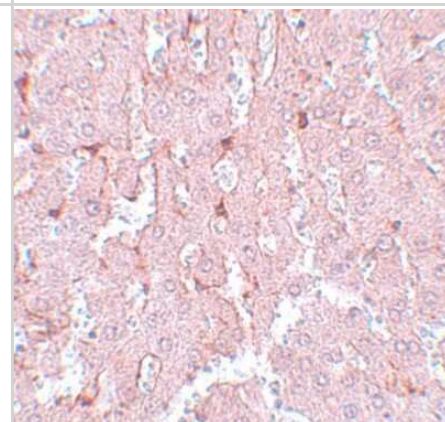


## Images

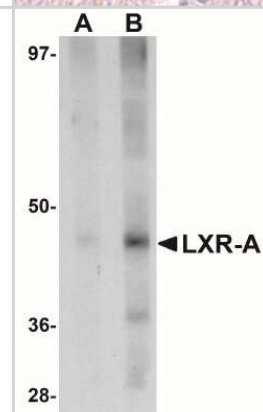
Western Blot: LXR alpha/NR1H3 Antibody - BSA Free [NBP1-77106] - LXR alpha/NR1H3 Antibody [NBP1-77106] - Effects of FP on the expression of cholesterol metabolism-related genes and ABCA1 promoter activity in Caco-2 cells. After Caco-2 cells were treated with vehicle control or 1 mM FP for 24 h, total RNA and cell lysates were collected. ABCA1, NPC1L1, LXRalpha, and LXRbeta protein levels were analyzed by western blotting. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-019-56031-8>) licensed under a CC-BY license.



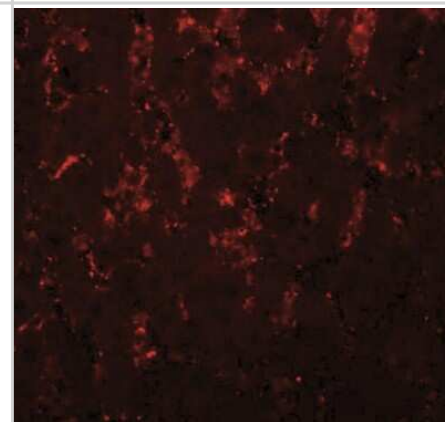
Immunohistochemistry-Paraffin: LXR alpha/NR1H3 Antibody - BSA Free [NBP1-77106] - LXR alpha/NR1H3 Antibody [NBP1-77106] - Rat liver tissue with LXR-A antibody at 5 ug/mL.



Western Blot: LXR alpha/NR1H3 Antibody - BSA Free [NBP1-77106] - LXR alpha/NR1H3 Antibody [NBP1-77106] - Rat liver tissue lysate at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry: LXR alpha/NR1H3 Antibody - BSA Free [NBP1-77106] - Rat liver tissue with LXR-A antibody at 20 ug/mL.



## Publications

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)

Ahn SB, Jun DW, Jang K et al. Duodenal Niemann-Pick C1-like 1 expression was negatively correlated with liver X receptor expression in nonalcoholic fatty liver disease Korean J. Intern. Med. 2019-07-01 [PMID: 29466845] (IHC-P, Human)

Torres-Luquis O, Madden K, N'dri NM et al. LXR/RXR pathway signaling associated with triple-negative breast cancer in African American women Breast Cancer (Dove Med Press) 2019-12-20 [PMID: 30588086] (IHC-P, Human)

Ahn Sang Bong, Jang Kiseok, Jun Dae Won et al. Expression of liver X receptor correlates with intrahepatic inflammation and fibrosis in patients with nonalcoholic fatty liver disease. Dig Dis Sci. 2014-08-08 [PMID: 25102981]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-77106**

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NBP1-77106PEP	LXR alpha/NR1H3 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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