

# Product Datasheet

## LXR alpha/NR1H3 Antibody (7Z4H10) NBP3-16304-100ul

Unit Size: 100 ul

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

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**NBP3-16304-100ul**

LXR alpha/NR1H3 Antibody (7Z4H10)

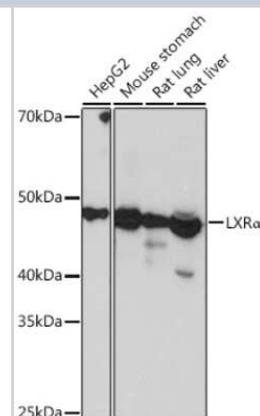
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7Z4H10
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	50 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit LXR alpha/NR1H3 Antibody (7Z4H10) (NBP3-16304) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10062
<b>Gene Symbol</b>	NR1H3
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human LXR alpha/NR1H3 (Q13133). MSLWLGAPVPDIPPDSAVELWKPGAQDASSQAQGGSSCILREEARMPHSAGG TAGVGLAAEPTALLTRAEPPEPTEIRPQKRKKGPAKMLGNELCSV

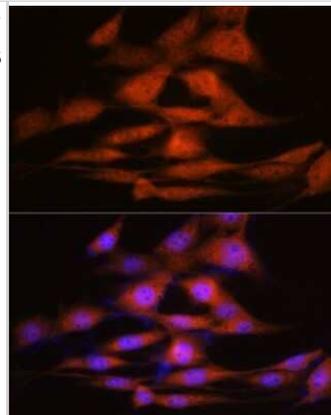
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

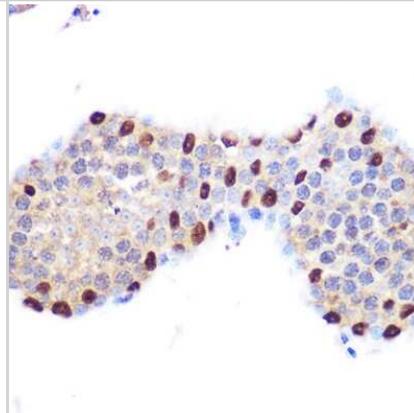
Western Blot: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Western blot analysis of extracts of various cell lines, using LXR alpha/NR1H3 Rabbit mAb (NBP3-16304) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



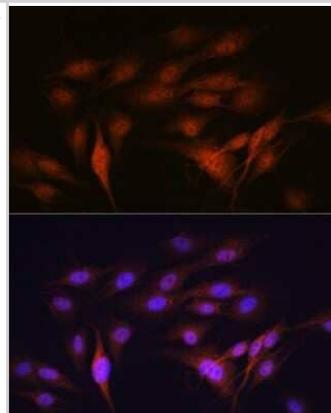
Immunocytochemistry/Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Immunofluorescence analysis of NIH-3T3 cells using LXR alpha/NR1H3 Rabbit mAb (NBP3-16304) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



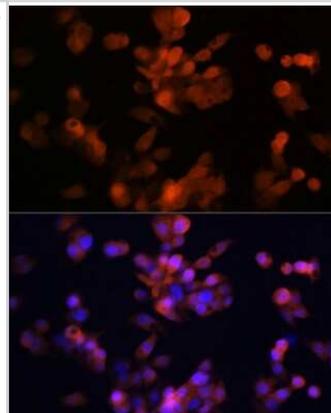
Immunohistochemistry-Paraffin: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Immunohistochemistry of paraffin-embedded mouse testis using LXR alpha/NR1H3 Rabbit mAb (NBP3-16304) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



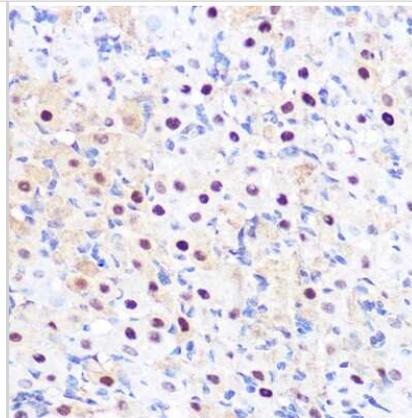
Immunocytochemistry/Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Immunofluorescence analysis of C6 cells using LXR alpha/NR1H3 Rabbit mAb (NBP3-16304) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



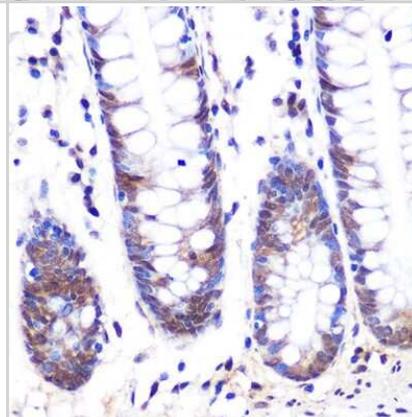
Immunocytochemistry/Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Immunofluorescence analysis of Hep G2 cells using LXR alpha/NR1H3 Rabbit mAb (NBP3-16304) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



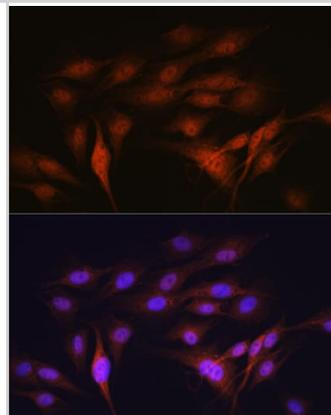
Immunohistochemistry-Paraffin: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Immunohistochemistry of paraffin-embedded rat ovary using LXR alpha/NR1H3 Rabbit mAb (NBP3-16304) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



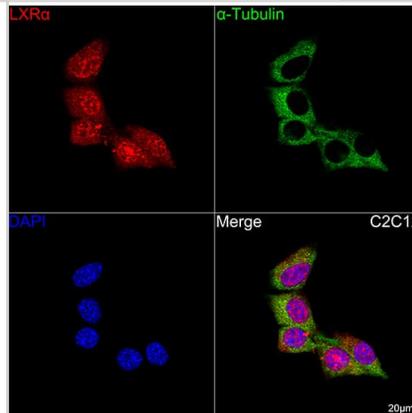
Immunohistochemistry-Paraffin: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Immunohistochemistry of paraffin-embedded human colon using LXR alpha/NR1H3 Rabbit mAb (NBP3-16304) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



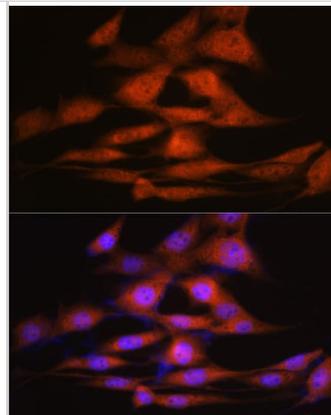
Immunocytochemistry/ Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Immunofluorescence analysis of C6 cells using LXR alpha/NR1H3 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



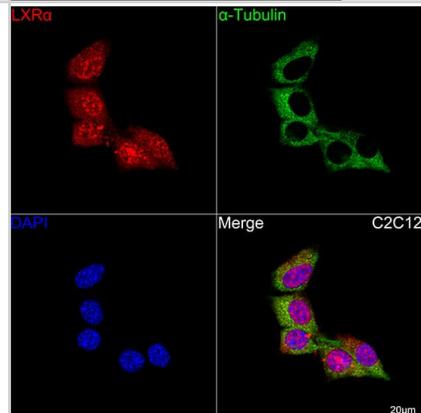
Immunocytochemistry/ Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Confocal imaging of C2C12 cells using LXR alpha/NR1H3 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



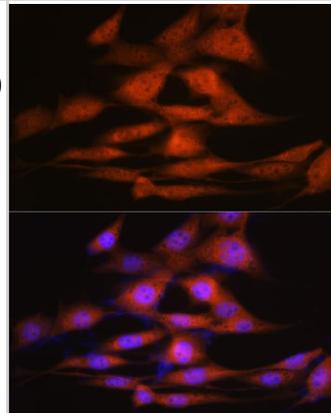
Immunocytochemistry/ Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [NBP3-16304] - Immunofluorescence analysis of NIH-3T3 cells using LXR alpha/NR1H3 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



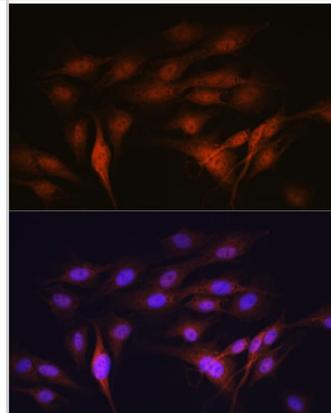
Immunocytochemistry/ Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [LXR alpha/NR1H3] - Confocal imaging of C2C12 cells using LXR alpha/NR1H3 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [LXR alpha/NR1H3] - Immunofluorescence analysis of NIH-3T3 cells using LXR alpha/NR1H3 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: LXR alpha/NR1H3 Antibody (7Z4H10) [LXR alpha/NR1H3] - Immunofluorescence analysis of C6 cells using LXR alpha/NR1H3 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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### **Products Related to NBP3-16304-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB400-157PEP	LXR alpha/NR1H3 Antibody Blocking Peptide

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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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