

Rabbit LXR-A Polyclonal Antibody | anti-NR1H3 antibody

LXR-A Antibody

CATALOG # AAA39604	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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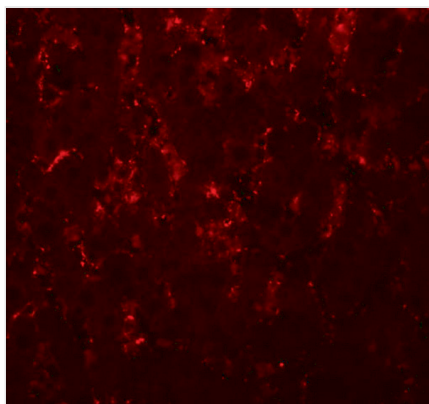
PRODUCT SYNONYMS

LXR-A; Polyclonal Antibody; LXR-A Antibody; LXRA; LXR-a; RLD-1; Oxysterols receptor LXR-alpha; Liver X receptor alpha; nuclear receptor subfamily 1; group H; member 3; anti-NR1H3 antibody

PRODUCT SPECIFICATIONS

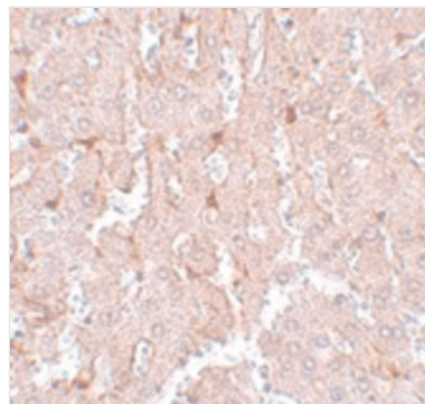
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	LXR-A Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	447
Applicable Applications for anti-NR1H3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	LXR-A antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus human LXR-A.
Buffer	LXR-A Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	LXR-A antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



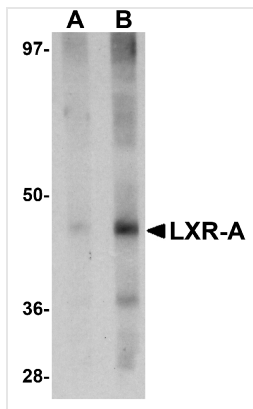
IF (Immunofluorescence)

Immunofluorescence of LXR-A in rat liver tissue with LXR-A antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of LXR-A in rat liver tissue with LXR-A antibody at 5 μg/mL.



WB (Western Blot)
 Western blot analysis of LXR-A in rat liver tissue lysate with LXR-A antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NR1H3 antibody	LXR-A Antibody: LXR-A belongs to the Liver X Receptor family that encodes highly homologous transcription factors. Like the highly homologous LXR-B, LXR-A forms heterodimers with the retinoic acid receptor RXRalpha, function as sensors for cellular oxysterols which when activated, increase the expression of genes that control sterol and fatty acid metabolism and homeostasis. Recent experiments have indicated that the LXRs can also modulate both innate and adaptive immune responses. Human and mouse tumors produce LXR ligands that inhibit CCR7 expression on maturing dendritic cells (DCs), thereby allowing tumor immunoescape. In mouse models, it was shown that ablating LXR-A signaling led to an immune-mediated strong inhibition of tumor growth, suggesting that manipulation of this pathway may be a viable anti-cancer approach.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194294517
NCBI GeneID	10062
NCBI Accession #	NP_005684
NCBI GenBank Nucleotide #	NM_005693.3
UniProt Accession #	Q13133; Q8IW13; Q96H87; A8K3J9; D3DQR1
Molecular Weight	Predicted: 44; 49 kDa Observed: 46 kDa
NCBI Official Full Name	oxysterols receptor LXR-alpha isoform 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group H, member 3
NCBI Official Symbol	NR1H3
NCBI Official Synonym Symbols	LXRA; LXR-a; RLD-1
NCBI Protein Information	oxysterols receptor LXR-alpha; liver X nuclear receptor alpha variant 1
UniProt Protein Name	Oxysterols receptor LXR-alpha
UniProt Gene Name	NR1H3
UniProt Synonym Gene Names	LXRA
UniProt Entry Name	NR1H3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

