

ARG63674 anti-LXR beta / NR1H2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes LXR beta / NR1H2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	FACS, ICC/IF, IHC-P
Specificity	Based on the peptide used, this antibody is expected to be specific for LXR beta and not to cross-react with LXR alpha.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	LXR beta / NR1H2
Species	Human
Immunogen	SSPTTSSLDTPLPGC
Conjugation	Un-conjugated
Alternate Names	Ubiquitously-expressed nuclear receptor; UNR; Liver X receptor beta; NER; RIP15; Oxysterols receptor LXR-beta; LXRB; Nuclear receptor subfamily 1 group H member 2; Nuclear receptor NER; LXR-b; NER-I

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	ICC/IF	10 µg/ml
	IHC-P	Assay - dependent
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

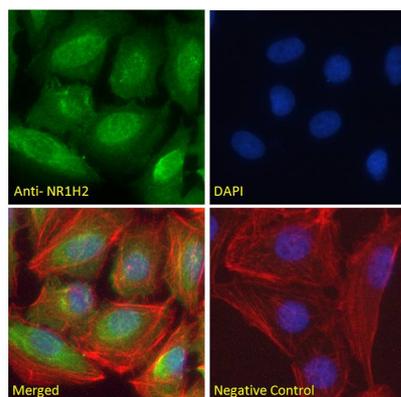
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

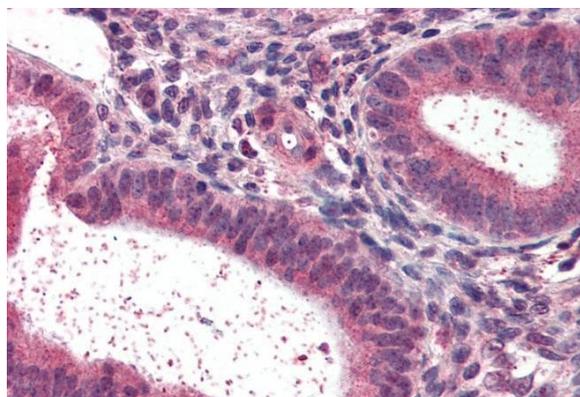
Database links	GeneID: 7376 Human Swiss-port # P55055 Human
Background	The liver X receptors, LXRA (NR1H3; MIM 602423) and LXRβ, form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. The inducible LXRA is highly expressed in liver, adrenal gland, intestine, adipose tissue, macrophages, lung, and kidney, whereas LXRβ is ubiquitously expressed. Ligand-activated LXRs form obligate heterodimers with retinoid X receptors (RXRs; see MIM 180245) and regulate expression of target genes containing LXR response elements (summary by Korf et al., 2009 [PubMed 19436111]).[supplied by OMIM, Jan 2010]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Gene Regulation antibody; Metabolism antibody
Calculated Mw	51 kDa

Images



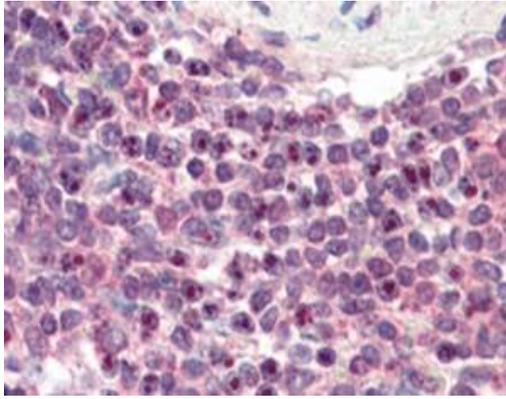
ARG63674 anti-LXR beta / NR1H2 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U2OS cells permeabilized with 0.15% Triton. Cells were stained with ARG63674 anti-LXR beta / NR1H2 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Phalloidin (red) for Actin filaments staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



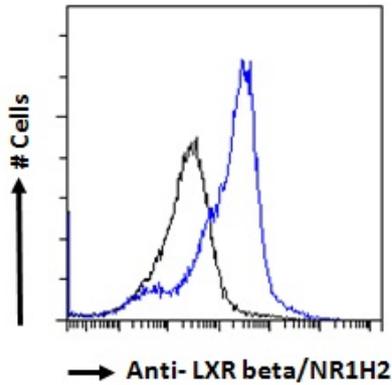
ARG63674 anti-LXR beta / NR1H2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human uterus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63674 anti-LXR beta / NR1H2 antibody at 3 µg/ml dilution followed by AP-staining.



ARG63674 anti-LXR beta / NR1H2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Spleen. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63674 anti-LXR beta antibody at 3 $\mu\text{g}/\text{ml}$ dilution followed by AP-staining.



ARG63674 anti-LXR beta / NR1H2 antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed HeLa cells permeabilized with 0.5% Triton. Cells were stained with ARG63674 anti-LXR beta / NR1H2 antibody (blue line) at 10 $\mu\text{g}/\text{ml}$ dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).