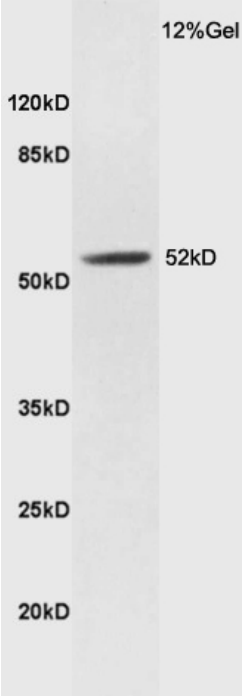
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

LXR alpha Rabbit pAb

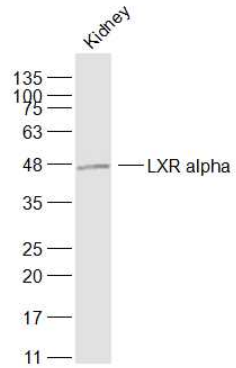
Catalog Number:	bs-2342R
Target Protein:	LXR alpha
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse (predicted:Rat, Cow, Chicken, Dog, Horse)
Predicted MW:	49 kDa
Subcellular Locations:	Nucleus
Entrez Gene:	10062
Swiss Prot:	Q13133
Source:	KLH conjugated synthetic peptide derived from human LXR alpha: 351-447/447.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti-LXR alpha (bs-2342R) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution Predicted band size: 49 kD Observed band size: 52 kD



Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti-LXR alpha (bs-2342R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kD Observed band size: 48 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=9.8] Yanghuan Yu. et al. MiRNA-seq and mRNA-seq revealed the mechanism of fluoride-induced cauda epididymal injury. SCI TOTAL ENVIRON. 2024 Jun;930:172895 WB ; Mouse . 38697545

[IF=6.025] Yue-Qiang Huang. et al. Di-2-ethylhexyl phthalate (DEHP) induced lipid metabolism disorder in liver via activating the LXR/SREBP-1c/PPARα/γ and NF-κB signaling pathway. FOOD CHEM TOXICOL. 2022 Jul;165:113119 WB ; Bird . 35537648

[IF=4.8] Fan Wu. et al. The cholesterol-lowering effects and mechanisms of novel milk casein-derived peptides in hyperlipidemia and hypercholesterol mice. FOOD BIOSCI. 2024 Oct;61:104730 WB ; Mouse . 10.1016/j.fbio.2024.104730

[IF=2.65] Huiming Hu. et al. The Hypolipidemic Effect of Hawthorn Leaf Flavonoids through Modulating Lipid Metabolism and Gut Microbiota in Hyperlipidemic Rats.. EVID-BASED COMPL ALT. 2022 Nov;2022:3033311-3033311 WB ; Rat . 36425260

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.