

Rabbit anti-Human LXR-beta Polyclonal Antibody | anti-LXR-beta antibody

LXR-beta antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59988	Rabbit	Human	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

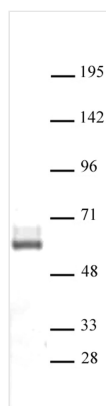
PRODUCT SYNONYMS

LXR-beta; Polyclonal Antibody; LXR-beta antibody (pAb); NR1H2; NER; UNR; LXRβ; NER-I; RIP15; anti-LXR-beta antibody

PRODUCT SPECIFICATIONS

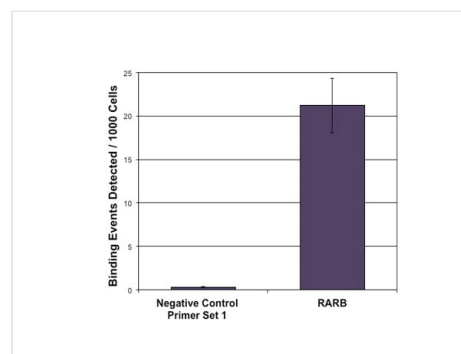
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified rabbit IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Concentration	0.5ug/ul (varies by lot)
Applicable Applications for anti-LXR-beta antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation), ChIP (Chromatin immunoprecipitation)
Immunogen	This LXR-b antibody was raised against a peptide in the N-terminal region of human LXR-b.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



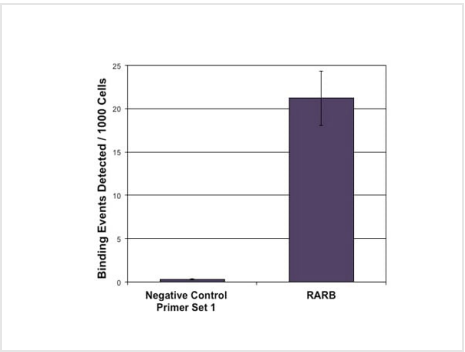
WB (Western Blot)

LXR-b pAb tested by Western blot. Detection of LXR-b by Western blot analysis. HeLa whole-cell extract (20 ug) was probed with LXR-b pAb at a 1:1000 dilution.



ChIP (Chromatin Immunoprecipitation)

LXR-b pAb tested by ChIP-qPCR. Chromatin immunoprecipitation (ChIP) was performed using the ChIP-IT High Sensitivity Kit with 25 ug of human liver chromatin and 10 ul of LXR-b antibody. ChIP DNA was used in qPCR with the negative control primer pairs and primers against the known LXR binding site in the RARβ promoter. Data are presented as Binding Events Detected per 1000 Cells using Epigenetic Services normalization scheme which accounts for primer efficiency and the amount of chromatin used in the ChIP reaction.



ChIP (Chromatin Immunoprecipitation)
LXR-b pAb tested by ChIP-Chip. ChIP was performed using the ChIP-IT High Sensitivity Kit with chromatin from 2.5 million primary human liver cells. ChIP DNA was amplified by WGA, labeled and hybridized to a human tiling array. The image is zoomed in to show LXR-b binding at a known LXR binding site in the RARB promoter.

ADDITIONAL INFORMATION

Related Product Information for anti-LXR-beta antibody	Short Description: Our LXR-beta antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot; it has been shown to react with Human samples. Background: LXR-b (Liver X receptor beta, NR1H2, NER, UNR) is an orphan nuclear receptor and a member of the NR1 receptor family. The LXR receptors (including LXR-a and LXR-b) bind oxysterols and play key roles in maintaining cholesterol homeostasis in macrophages, primarily by regulating multiple components of the reverse cholesterol transport. They also are potent inhibitors of inflammation and are capable of repressing cytokine and chemokine production by Toll-like receptor (TLR)-activated macrophages. LXR-b is more widely expressed than LXR-a, particularly in the brain.
Product Categories/Family for anti-LXR-beta antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	85362735
NCBI GeneID	7376
NCBI Accession #	NP_009052; AB_2614980
NCBI GenBank Nucleotide #	NM_007121
UniProt Accession #	P55055; Q12970; Q5I0Y1; A8K490; B4DNM6; E7EWA6
Molecular Weight	39,920 Da
NCBI Official Full Name	oxysterols receptor LXR-beta isoform 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group H, member 2
NCBI Official Symbol	NR1H2
NCBI Official Synonym Symbols	NER; UNR; LXRb; LXR-b; NER-I; RIP15
NCBI Protein Information	oxysterols receptor LXR-beta; LX receptor beta; liver X nuclear receptor beta; nuclear orphan receptor LXR-beta; nuclear receptor NER; steroid hormone-nuclear receptor NER; ubiquitously-expressed nuclear receptor
UniProt Protein Name	Oxysterols receptor LXR-beta
UniProt Gene Name	NR1H2
UniProt Synonym Gene Names	LXRb; NER; UNR
UniProt Entry Name	NR1H2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/lxr-beta-antibody-western-blot-chromatin-immunoprecipitation-chromatin-immunoprecipitation-elisa/59988>