

LXR alpha Rabbit mAb

Catalog No: #49561

Package Size: #49561-1 50ul #49561-2 100ul

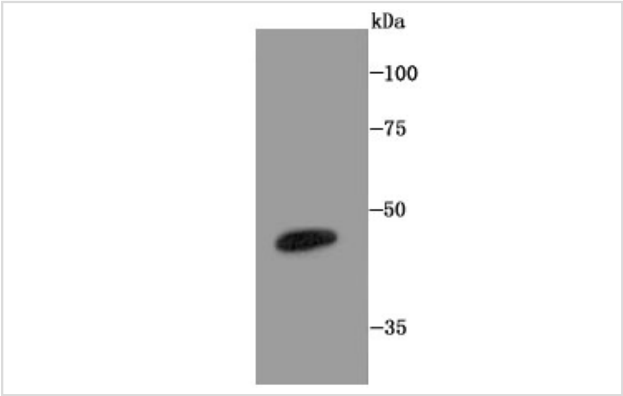
Description

Product Name	LXR alpha Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JA20-38
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	Liver X receptor alpha antibody LXR a antibody LXRA antibody NR1H3 antibody NR1H3_HUMAN antibody Nuclear receptor subfamily 1 group H member 3 antibody Oxysterols receptor LXR alpha antibody Oxysterols receptor LXR-alpha antibody RLD 1 antibody RLD1 antibody
Accession No.	Swiss-Prot#:Q13133
Calculated MW	50 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

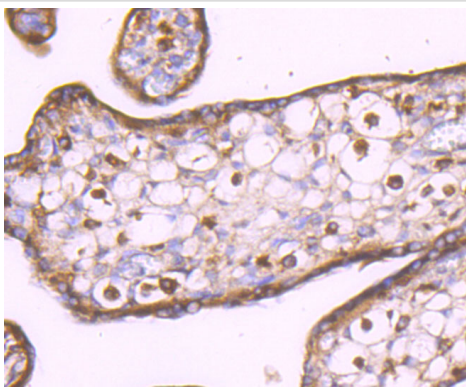
Application Details

WB: 1:500IHC: 150-1200FC: 1:50-1:100

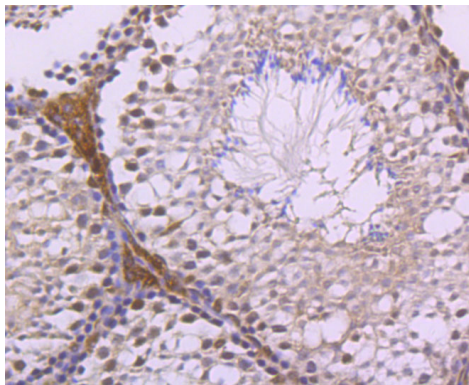
Images



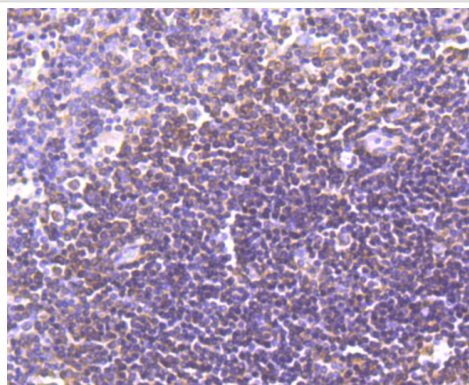
Western blot analysis of LXR alpha on mouse colon tissue lysate using anti-LXR alpha antibody at 1/1,000 dilution.



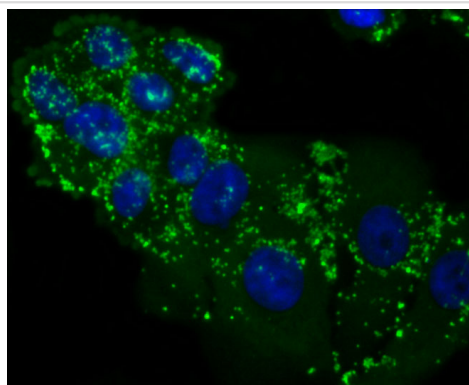
Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-LXR alpha antibody. Counter stained with hematoxylin.



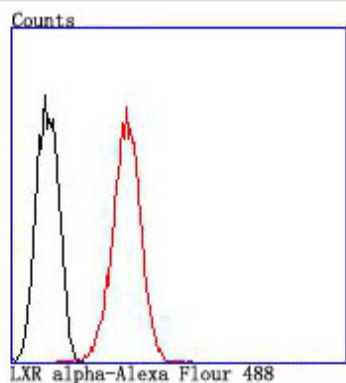
Immunohistochemical analysis of paraffin-embedded mouse testes tissue using anti-LXR alpha antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-LXR alpha antibody. Counter stained with hematoxylin.



ICC staining LXR alpha in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HepG2 cells with LXR alpha antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

Background

Orphan receptor. Interaction with RXR shifts RXR from its role as a silent DNA-binding partner to an active ligand-binding subunit in mediating retinoid responses through target genes defined by LXRES. LXRES are DR4-type response elements characterized by direct repeats of two similar hexanuclotide half-sites spaced by four nucleotides. Plays an important role in the regulation of cholesterol homeostasis, regulating cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.