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**Product Name: LXR alpha Rabbit Monoclonal Antibody****Catalog #: AMRe85762**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.63mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 50 kDa; Observed MW: 50 kDa

**Antigen Information**

<b>Gene Name</b>	LXR alpha
<b>Alternative Names</b>	NR1H3; LXRA; Oxysterols receptor LXR-alpha; Liver X receptor alpha; Nuclear receptor subfamily 1 group H member 3
<b>Gene ID</b>	10062.0
<b>SwissProt ID</b>	Q13133
<b>Immunogen</b>	A synthetic peptide of human LXR alpha

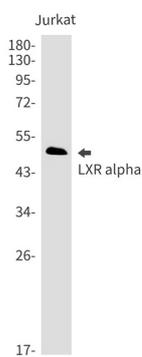
**Background**

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

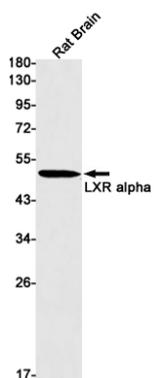
characterized by direct repeats of two similar hexanuclotide half-sites spaced by four nucleotides. Plays an important role in the regulation of cholesterol homeostasis, regulating cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8.

## Research Area

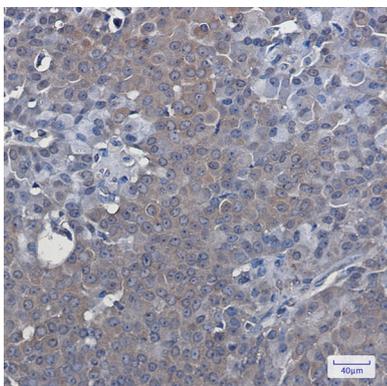
## Image Data



Western blot analysis of LXR alpha in Jurkat lysates using LXR alpha antibody.



Western blot analysis of LXR alpha in rat Brain lysates using LXR alpha antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using LXR alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.