

LXR alpha Rabbit mAb

Catalog No: #52402



Package Size: #52402-1 50ul #52402-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

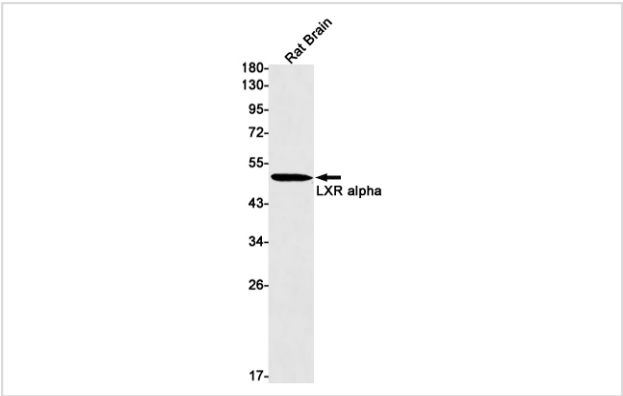
Description

Product Name	LXR alpha Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-6A4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human LXR alpha
Conjugates	Unconjugated
Modification	Unmodification
Other Names	LXRA; LXR-a; RLD-1
Accession No.	Swiss-Prot:Q13133GeneID:10062
Uniprot	Q13133
GeneID	10062
Calculated MW	Calculated MW: 50 kDa; Observed MW: 50 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

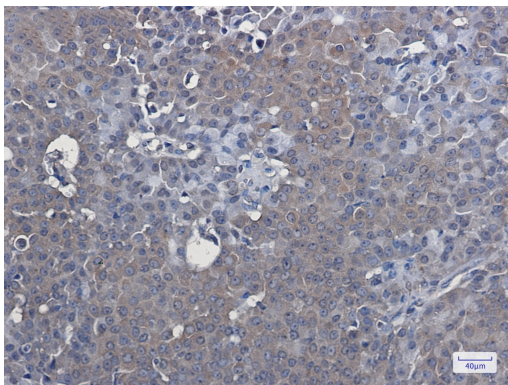
Application Details

WB: 1/1000; IHC: 1/20;

Images



Western blot detection of LXR alpha in Rat Brain lysates using LXR alpha Rabbit mAb(1:1000 diluted).Predicted band size:50kDa.Observed band size:50kDa.



Immunohistochemistry of LXR alpha in paraffin-embedded Human breast cancer tissue using LXR alpha Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.Q13133.Nuclear receptor that exhibits a ligand-dependent transcriptional activation activity (PubMed:19481530, PubMed:25661920). Interaction with retinoic acid receptor (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 (PubMed:19481530). Interplays functionally with RORA for the regulation of genes involved in liver metabolism .

Note: This product is for in vitro research use only