

LXR alpha Monoclonal Antibody | anti-LXRalpha antibody

LXR alpha Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314400	Recombinant Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

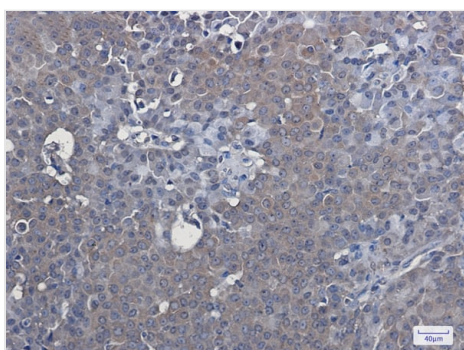
PRODUCT SYNONYMS

LXR alpha; Monoclonal Antibody; LXR alpha Rabbit mAb; LXRA; LXR-a; RLD-1; anti-LXRalpha antibody

PRODUCT SPECIFICATIONS

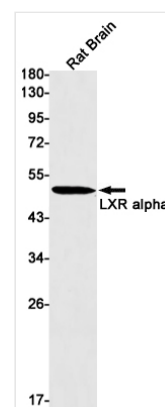
Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S07-6A4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-LXRalpha antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human LXR alpha
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-LXRalpha antibody	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.
Product Categories/Family for anti-LXRalpha antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	23503089
NCBI GeneID	10062
UniProt Accession #	Q13133; Q8IW13; Q96H87; A8K3J9; D3DQR1
Molecular Weight	447
NCBI Official Full Name	Oxysterols receptor LXR-alpha
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group H, member 3
NCBI Official Symbol	NR1H3
NCBI Official Synonym Symbols	LXRA; LXR-a; RLD-1
NCBI Protein Information	oxysterols receptor LXR-alpha; liver X nuclear receptor alpha variant 1
UniProt Protein Name	Oxysterols receptor LXR-alpha
UniProt Gene Name	NR1H3
UniProt Synonym Gene Names	LXRA
UniProt Entry Name	NR1H3_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lxr-alpha-antibody-clone-s07-6a4-immunohistochemistry-western-blot-elisa/314400>