

LXR α Rabbit pAb

CatalogNo: YT5143

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat, Golden hamster

Applications

- WB, IHC, IF, ELISA

MW

- 50kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000**IHC: 1:100-300****ELISA 1:20000****IF 1:50-200**

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human NR1H3. AA range:151-200

SpecificityLXR α Polyclonal Antibody detects endogenous levels of LXR α protein.

| Target Information

Gene name	NR1H3		
Protein Name	Oxysterols receptor LXR-alpha		
	Organism	Gene ID	UniProt ID
	Human	10062;	Q13133;
	Mouse	22259;	Q9Z0Y9;
	Rat		Q62685;
Cellular Localization	Nucleus . Cytoplasm .		
Tissue specificity	Visceral organs specific expression. Strong expression was found in liver, kidney and intestine followed by spleen and to a lesser extent the adrenals.		
Function	Function: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.,induction:By 9-cis retinoic acid (9CRA).,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR1 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Heterodimer of LXRA and RXR.,tissue specificity:Visceral organs specific expression. Strong expression was found in liver, kidney and intestine followed by spleen and to a lesser extent the adrenals.,		

| Validation Data

| Contact information

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