bsm-54023R **[Primary Antibody]**

LXR alpha Recombinant Rabbit mAb

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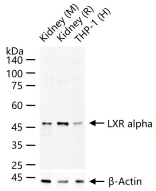
DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 4A8
GeneID: 10062
SWISS: Q13133
Target: LXR alpha
Immunogen: KLH conjugated synthetic peptide derived from human LXR alpha: 60-110/447.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined. [provided by RefSeq, Jul 2008].

Applications: **WB** (1:500-2000)
Flow-Cyt (1:50-100)
ICC/IF (1:50-200)
Reactivity: Human, Mouse, Rat
Predicted MW.: 50 kDa
Subcellular Location: Nucleus

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with LXR alpha monoclonal antibody, unconjugated (bsm-54023R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

SELECTED CITATIONS

- **[IF=3.3]** Yueqi Cui. et al. The activation of liver X receptors in Madin-Darby bovine kidney cells and mice restricts infection by bovine viral diarrhea virus. VET MICROBIOL. 2023 Dec;:109948 IHC,WB ;Bovine,Mouse. 38113573