

LWS Polyclonal Antibody

Catalog No: YT6071

Reactivity: Human;Rat;Mouse

Applications: WB;ELISA

Target: LWS

Fields: >>PPAR signaling pathway;>>Th17 cell differentiation;>>Thyroid hormone

signaling pathway;>>Adipocytokine signaling pathway;>>Parathyroid hormone

synthesis, secretion and action;>>Pathways in cancer;>>Transcriptional

misregulation in cancer;>>Chemical carcinogenesis - receptor

activation;>>Thyroid cancer;>>Small cell lung cancer;>>Non-small cell lung

cancer;>>Gastric cancer;>>Lipid and atherosclerosis

Gene Name: RXRG NR2B3

Protein Name: LWS

Human Gene Id: 6258

Human Swiss Prot

No:

Mouse Gene ld: 20183

Mouse Swiss Prot

No:

Immunogen: Synthesized peptide derived from human LWS. at AA range: 380-420

Specificity: This antibody detects endogenous levels of LWS

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

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000, ELISA 1:10000-20000

P48443

P28705

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

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chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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

Observed Band: 50kD

Cell Pathway: PPAR;Adipocytokine;Pathways in cancer;Thyroid cancer;Small cell lung

cancer; Non-small cell lung cancer;

Background : retinoid X receptor gamma(RXRG) Homo sapiens This gene encodes a member

of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternatively spliced transcript variants have been

described. [provided by RefSeq, Jun 2010],

Function: caution: The sequence shown here is derived from an Ensembl automatic

analysis pipeline and should be considered as preliminary

data.,domain:Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal steroid-binding domain.,function:Nuclear hormone receptor. Involved in the retinoic acid response pathway. Binds 9-cis retinoic acid (9C-RA).,similarity:Belongs to the nuclear hormone receptor family. NR2 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,

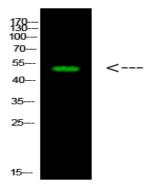
Subcellular Location:

Nucleus . Cytoplasm .

Expression: Expressed in a ortic endothelial cells (at protein level).

Products Images

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Western Blot analysis of 1,mouse-heart cells using primary antibody diluted at 1:1000(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25°C, 1 hour) cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).