

## LWS Polyclonal Antibody

<b>Catalog No :</b>	YT6071
<b>Reactivity :</b>	Human;Rat;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	LWS
<b>Fields :</b>	>>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
<b>Gene Name :</b>	RXRG NR2B3
<b>Protein Name :</b>	LWS
<b>Human Gene Id :</b>	6258
<b>Human Swiss Prot No :</b>	P48443
<b>Mouse Gene Id :</b>	20183
<b>Mouse Swiss Prot No :</b>	P28705
<b>Immunogen :</b>	Synthesized peptide derived from human LWS. at AA range: 380-420
<b>Specificity :</b>	This antibody detects endogenous levels of LWS
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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

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**Observed Band :** 50kD

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**Cell Pathway :** PPAR;Adipocytokine;Pathways in cancer;Thyroid cancer;Small cell lung cancer;Non-small cell lung cancer;

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**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],

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**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.,

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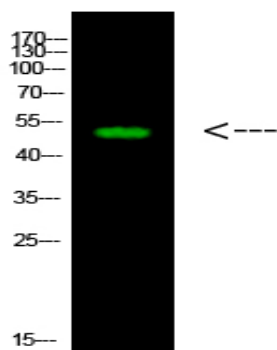
**Subcellular Location :** Nucleus . Cytoplasm .

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**Expression :** Expressed in aortic endothelial cells (at protein level).

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## Products Images



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).