

## RXR $\gamma$ Polyclonal Antibody

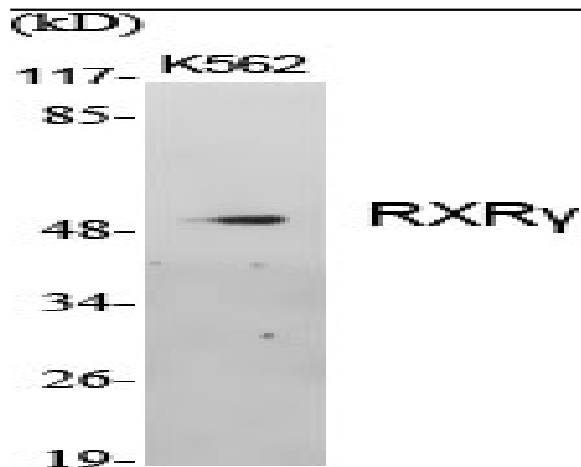
<b>Catalog No :</b>	YT4195
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	RXR $\gamma$
<b>Fields :</b>	>>PPAR signaling pathway;>>Th17 cell differentiation;>>Thyroid hormone signaling pathway;>>Adipocytokine signaling pathway;>>Parathyroid hormone synthesis, secretion 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
<b>Protein Name :</b>	Retinoic acid receptor RXR-gamma
<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>	The antiserum was produced against synthesized peptide derived from human Retinoid X Receptor gamma. AA range:171-220
<b>Specificity :</b>	RXR $\gamma$ Polyclonal Antibody detects endogenous levels of RXR $\gamma$ protein.
<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 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.

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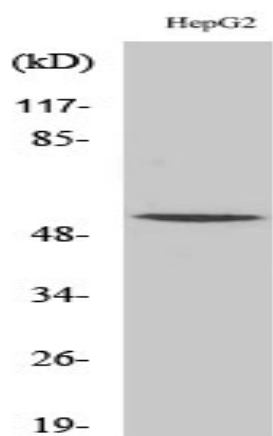
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	50kD
<b>Cell Pathway :</b>	PPAR;Adipocytokine;Pathways in cancer;Thyroid cancer;Small cell lung cancer;Non-small cell lung cancer;
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Nucleus . Cytoplasm .
<b>Expression :</b>	Expressed in aortic endothelial cells (at protein level).

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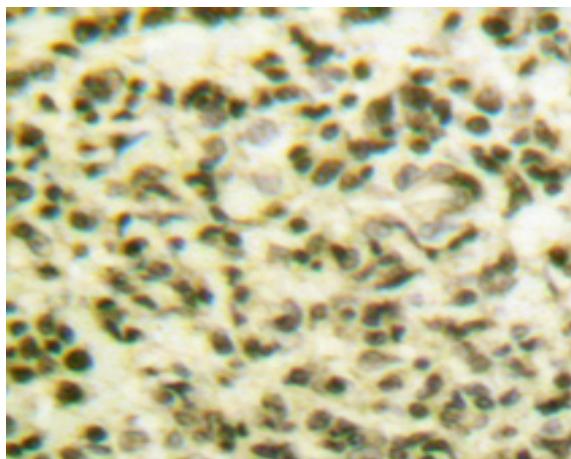
## Products Images



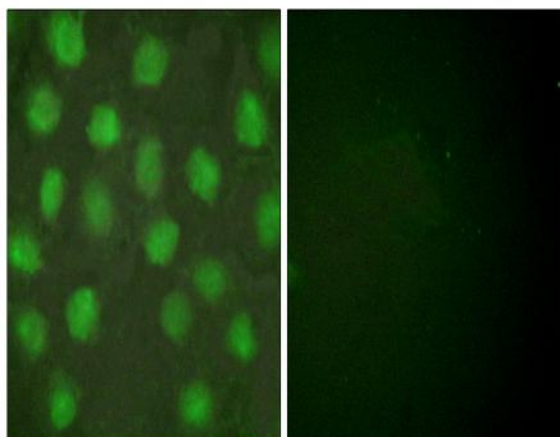
Western Blot analysis of various cells using RXRY Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



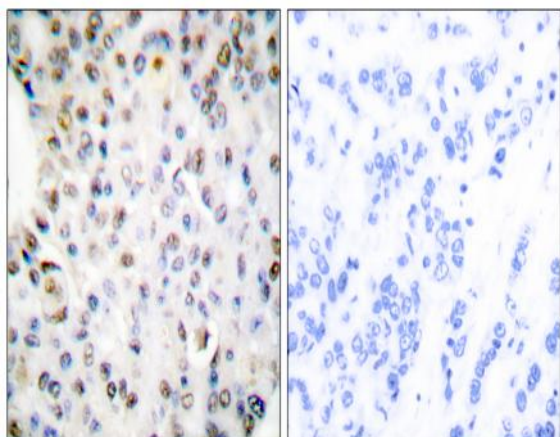
Western Blot analysis of HepG2 cells using RXRY Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



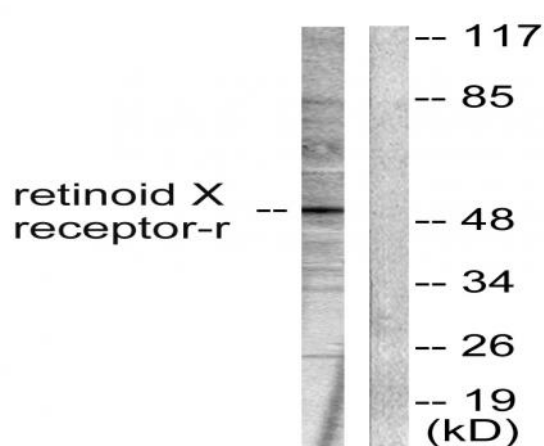
Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval.



Immunofluorescence analysis of HUVEC cells, using Retinoid X Receptor gamma Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Retinoid X Receptor gamma Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using Retinoid X Receptor gamma Antibody. The lane on the right is blocked with the synthesized peptide.