Immunoway
Best Tools for immunology Research

RXRγ Polyclonal Antibody

Catalog No :	YT4195
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	RXRγ
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
Protein Name :	Retinoic acid receptor RXR-gamma
Human Gene Id :	6258
Human Swiss Prot No :	P48443
Mouse Gene Id :	20183
Mouse Swiss Prot No :	P28705
Immunogen :	The antiserum was produced against synthesized peptide derived from human Retinoid X Receptor gamma. AA range:171-220
Specificity :	RXRγ Polyclonal Antibody detects endogenous levels of RXRγ protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.

Purification :   The antibody was affinity-purified from rabbit antiserum by affinity-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 aortic endothelial cells (at protein level).

Sort :   14663

No4 :   1

Host :   Rabbit

Modifications :   Unmodified

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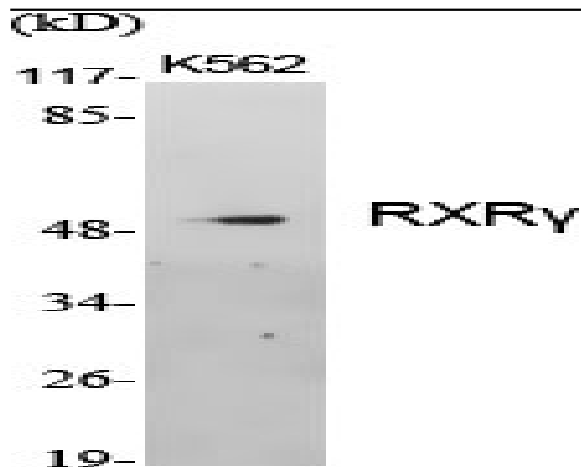
Western Blot analysis of various cells using RXRγ Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).
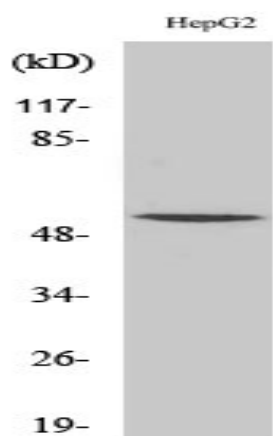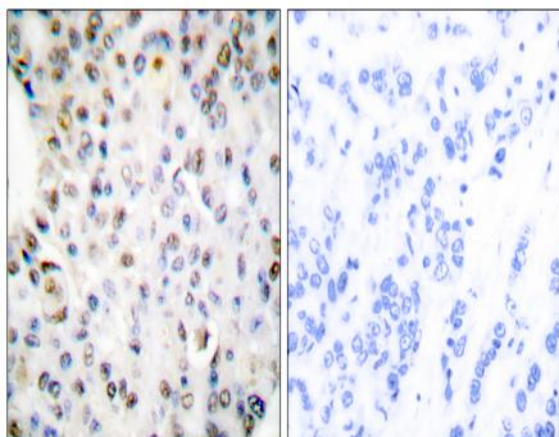

Western Blot analysis of HepG2 cells using RXRγ Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).
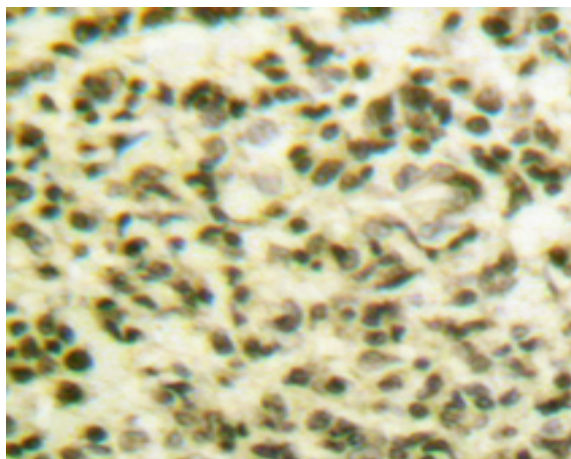

Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval.
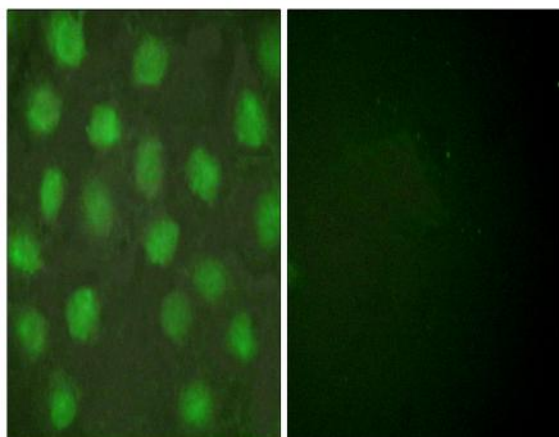
Immunofluorescence analysis of HUVEC cells, using Retinoid X Receptor gamma Antibody. The picture on the right is blocked with the synthesized peptide.

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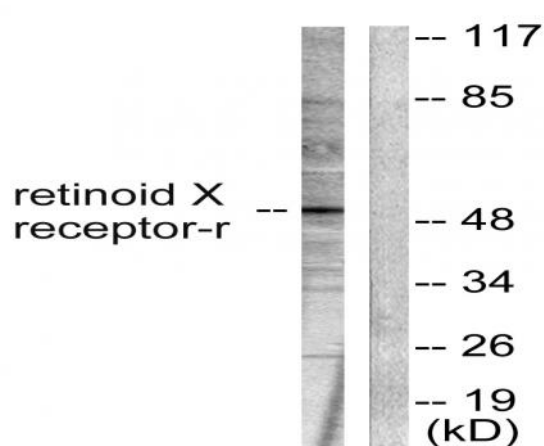
Western blot analysis of lysates from HepG2 cells, using Retinoid X Receptor gamma Antibody. The lane on the right is blocked with the synthesized peptide.