

Product Name: RXRy Rabbit Polyclonal Antibody
Catalog #: APRab17452



Summary

Production Name	RXRy Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	RXRG
Alternative Names	RXRG; NR2B3; Retinoic acid receptor RXR-gamma; Nuclear receptor subfamily 2 group B member 3; Retinoid X receptor gamma
Gene ID	6258.0
SwissProt ID	P48443.The antiserum was produced against synthesized peptide derived from human Retinoid X Receptor gamma. AA range:171-220

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:10000.Not yet tested in other applications.
Molecular Weight	50kDa

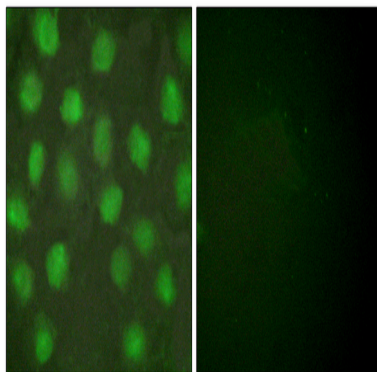
Background

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],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.,

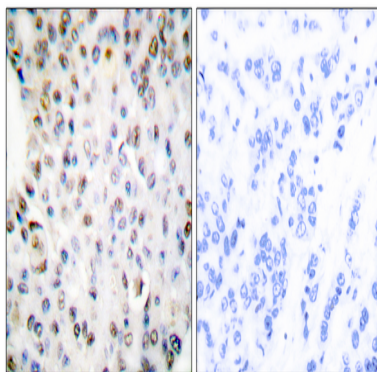
Research Area

PPAR;Adipocytokine;Pathways in cancer;Thyroid cancer;Small cell lung cancer;Non-small cell lung cancer;

Image Data



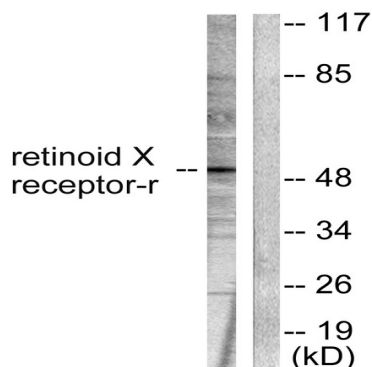
Immunofluorescence analysis of HUVEC cells, using Retinoid X Receptor gamma Antibody. The picture on the right is blocked with the synthesized peptide.



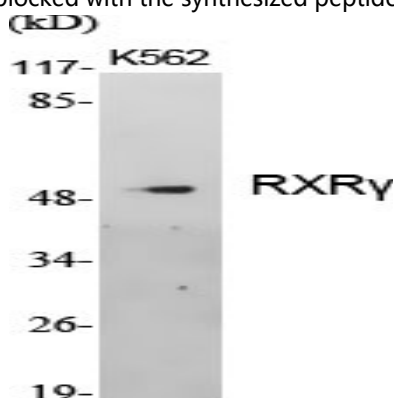
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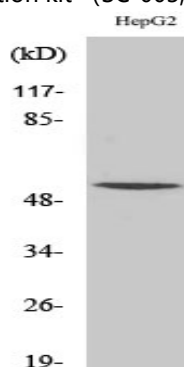
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Retinoid X Receptor gamma Antibody. The picture on the right is blocked with the synthesized peptide.



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.

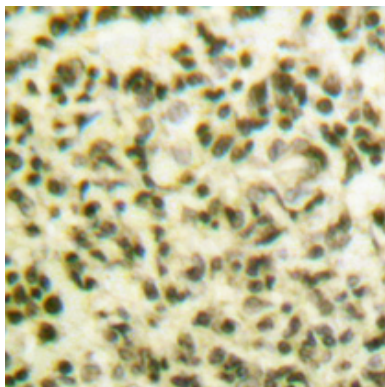


Western Blot analysis of various cells using RXR γ Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .



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

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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.

Note

For research use only.