



RXRγ Polyclonal Antibody

Catalog No	YP-Ab-03335
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	RXRG
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FLJ28;FLJ318;FLJ162;FLJ16733;MGC1272;NR2B1;Nuclear receptor subfamily 2 group B member 1;OTTHUMP2251;Retinoic acid receptor RXR alpha;Retinoic acid receptor RXR-alpha;Retinoid X nuclear receptor alpha;Retinoid X receptor alpha;RXR alpha1;Rxra;RXRA_HUMAN;RXRalpha1;RXRγ;RXRG;Retinoic acid receptor RXR-gamma;NR2B3;Nuclear receptor subfamily 2 group B member 3; Retinoid X receptor gamma
Observed Band	50kD
Calculated Molecular Weight	50kD
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Expressed in aortic endothelial cells (at protein level).
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.,

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],

matters needing attention

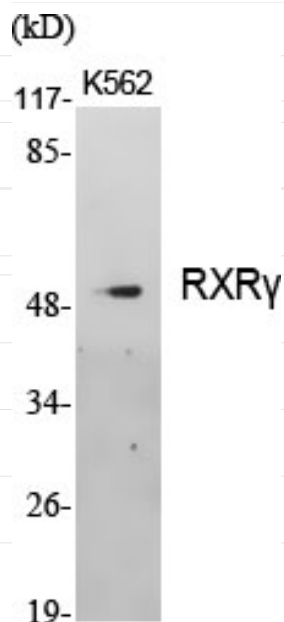
Avoid repeated freezing and thawing!

Usage suggestions

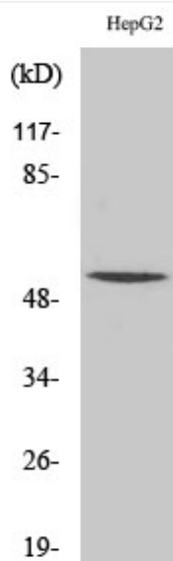
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



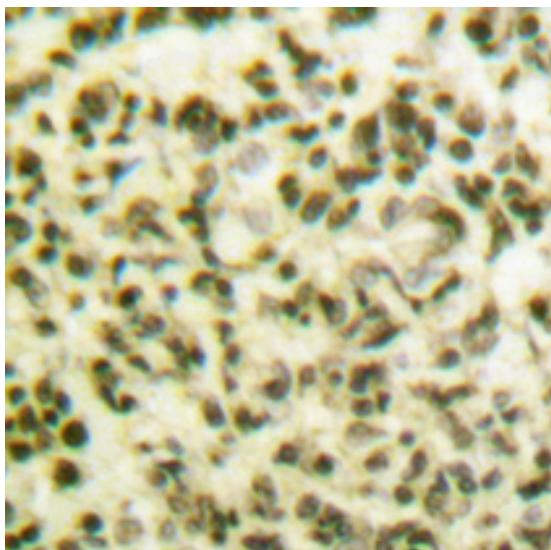
Products Images



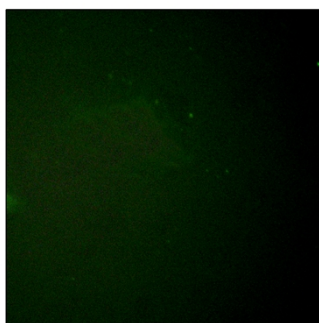
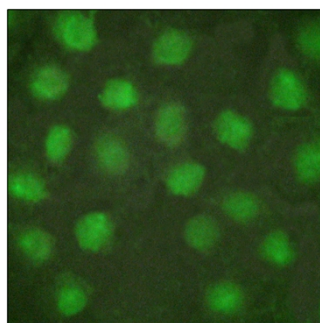
Western Blot analysis of various cells using RXR γ Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



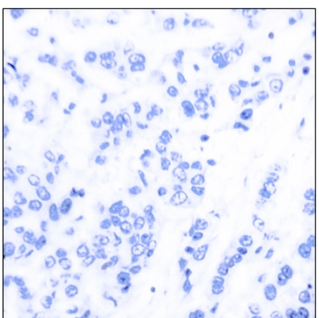
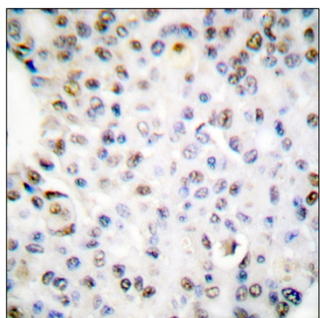
Western Blot analysis of HepG2 cells using RXR γ Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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.