



RXR γ Polyclonal Antibody

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| Catalog No | BYab-03335 |
| Isotype | IgG |
| Reactivity | Human;Mouse |
| Applications | WB;IHC;IF;ELISA |
| Gene Name | RXRG |
| Protein Name | Retinoic acid receptor RXR-gamma |
| Immunogen | The antiserum was produced against synthesized peptide derived from human Retinoid X Receptor gamma. AA range:171-220 |
| Specificity | RXR γ Polyclonal Antibody detects endogenous levels of RXR γ 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 | RXRG; NR2B3; Retinoic acid receptor RXR-gamma; Nuclear receptor subfamily 2 group B member 3; Retinoid X receptor gamma |
| Observed Band | 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., |

Nanjing BYabscience technology Co.,Ltd



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

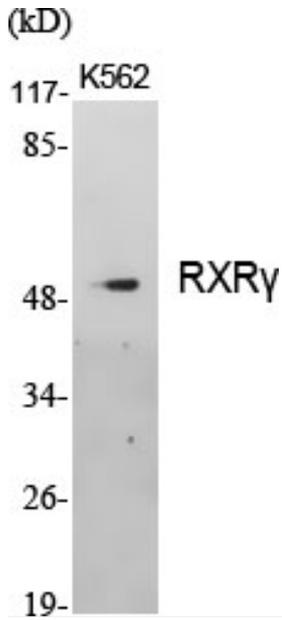
Avoid repeated freezing and thawing!

Usage suggestions

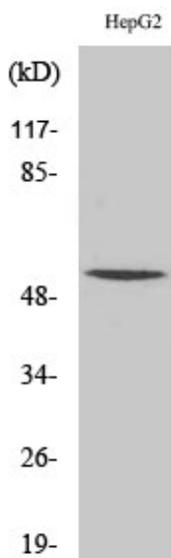
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



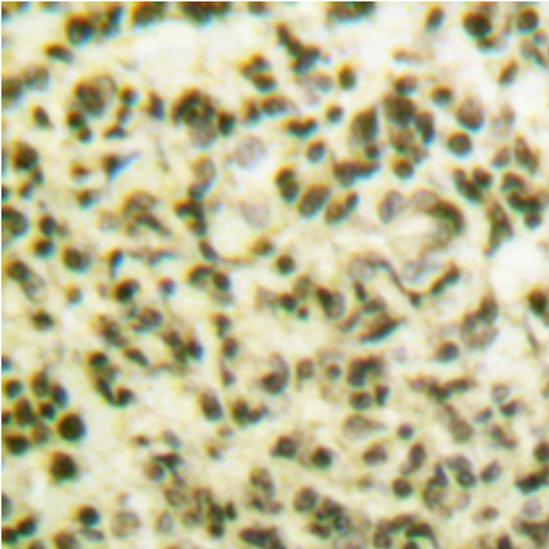
Products Images



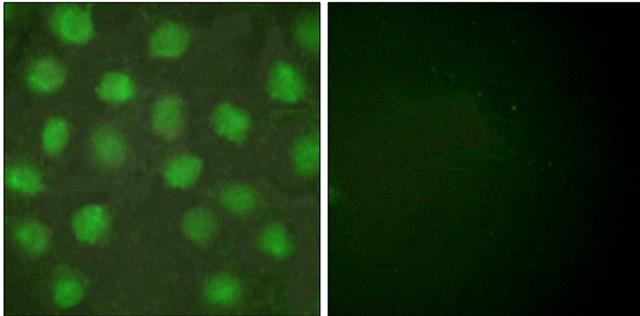
Western Blot analysis of various cells using RXR γ Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



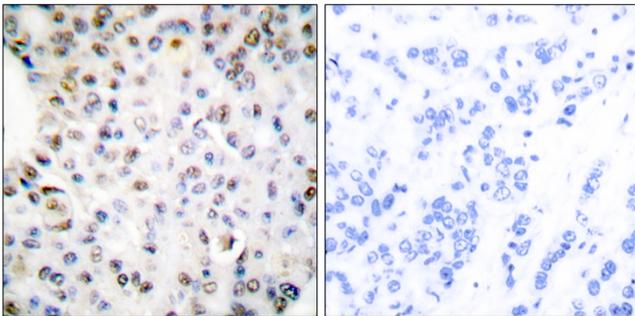
Western Blot analysis of HepG2 cells using RXR γ Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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.