

RXR γ (L200) polyclonal antibody

Catalog: BS1316

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Retinoids are metabolites of vitamin A (retinal) and are believed to represent important signaling molecules during vertebrate development and tissue differentiation. Two families of retinoid receptors have been identified. Retinoic acid receptors (RARs) include RAR alpha, RAR beta and RAR gamma, each of which has a high affinity for all trans retinoic acids and belongs to the same class of nuclear transcription factors as thyroid hormone receptors, vitamin D3 receptor and ecdysone receptor. The ligand binding domains of the RARs are highly conserved and RAR isoforms are expressed in distinct patterns through out development and in the mature organism. Members of the retinoid X receptor (RXR) family, RXR alpha, RXR beta and RXR gamma, are activated by 9 cis retinoic acid, a stereo and photoisomer of all trans RA that is expressed in vivo in both liver and kidney and may represent a widely used hormone.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 55 kDa

Swiss-Prot:

P48443

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

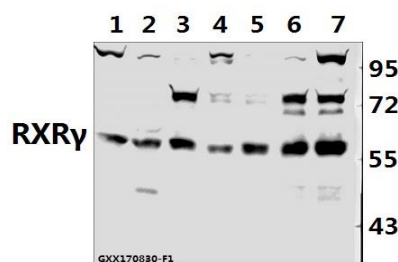
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Retinoid X Receptor γ (L200) polyclonal antibody detects endogenous levels of Retinoid X Receptor γ protein.

DATA:



Western blot (WB) analysis of RXR γ (L200) pAb at 1:1000 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:CT26 whole cell lysate(40ug)

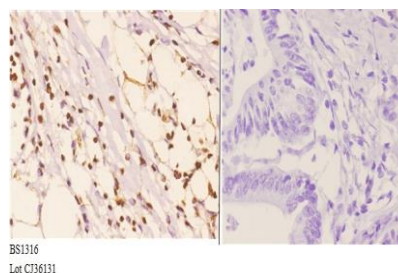
Lane3:HEK293T whole cell lysate(40ug)

Lane4:A375 whole cell lysate(40ug)

Lane5:MCF-7 whole cell lysate(40ug)

Lane6:SGC7901 whole cell lysate(40ug)

Lane7:L02 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of RXR γ (L200) pAb in paraffin-embedded human colon carcinoma tissue at 1:50. showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Immunohistochemistry (IHC) analyzes of RXR γ (L200) pAb in paraffin-embedded human liver carcinoma tissue at 1:50. showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

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PRODUCT DATA SHEET

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Note:

For research use only, not for use in diagnostic procedure.

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