
Anti-RXR

Cat #: HM1311
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Retinoic acid receptors (RARs) and retinoid X receptors (RXRs) are nuclear transcription factors that modulate the effects of retinoids (RA) on gene expression. 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. Members of the retinoid X receptor (RXR) family, RXR alpha, RXR beta and RXR gamma, are activated by 9 cis retinoic acid. Like RAR subfamily, the RXR receptors are closely related to each other both in their DNA binding and ligand-binding domains and are encoded by separate genes at distinct chromosomal loci.

SPECIFICITY

This antibody specifically reacts with RAR α , β , and γ of human, mouse and rat origin.

IMMUNOGEN

A recombinant protein containing the ligand binding domain of human RXR alpha.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

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