

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

## RXRA-human

RRID:AB\_2184874

Type: Antibody

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### Proper Citation

Santa Cruz Biotechnology Cat# sc-553, RRID:AB\_2184874

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2184874](http://antibodyregistry.org/AB_2184874)

**Proper Citation:** Santa Cruz Biotechnology Cat# sc-553, RRID:AB\_2184874

**Target Antigen:** RXRA

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot C1811 for GM12878,HepG2,liver,HeLa-S3; status is awaiting lab characterization,pending dcc review

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

**Antibody Name:** RXRA-human

**Description:** This polyclonal targets RXRA

**Target Organism:** homo sapiens

**Antibody ID:** AB\_2184874

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-553

**Record Creation Time:** 20250819T213430+0000

**Record Last Update:** 20250819T232418+0000

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### Ratings and Alerts

- ENCODE PROJECT External validation for lot: C1811 is available under ENCODE ID: ENCAB000AKN - ENCODE  
<https://www.encodeproject.org/antibodies/ENCAB000AKN>

**Warning:** Discontinued: 2016

Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot C1811 for GM12878,HepG2,liver,HeLa-S3; status is awaiting lab characterization,pending dcc review

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Baak R, et al. (2026) A simple and robust reporter-based framework for deep functional characterization of PPAR $\gamma$  mutants. Endocrinology, 167(5).

Eigler T, et al. (2021) ERK1/2 inhibition promotes robust myotube growth via CaMKII activation resulting in myoblast-to-myotube fusion. Developmental cell, 56(24), 3349.

Xie G, et al. (2020) Centrosomal Localization of RXR $\gamma$  Promotes PLK1 Activation and Mitotic Progression and Constitutes a Tumor Vulnerability. Developmental cell, 55(6), 707.

Becares N, et al. (2019) Impaired LXR $\gamma$  Phosphorylation Attenuates Progression of Fatty Liver Disease. Cell reports, 26(4), 984.

Li CG, et al. (2019) PPAR $\gamma$  Interaction with UBR5/ATMIN Promotes DNA Repair to Maintain Endothelial Homeostasis. Cell reports, 26(5), 1333.

Shen L, et al. (2019) Sulindac-derived retinoid X receptor- $\gamma$  modulator attenuates atherosclerotic plaque progression and destabilization in ApoE $^{-/-}$  mice. British journal of pharmacology, 176(14), 2559.

Broekema MF, et al. (2019) Natural helix 9 mutants of PPAR $\gamma$  differently affect its transcriptional activity. Molecular metabolism, 20, 115.

Jusu S, et al. (2018) Examination of VDR/RXR/DRIP205 Interaction, Intranuclear Localization, and DNA Binding in Ras-Transformed Keratinocytes and Its Implication for Designing Optimal Vitamin D Therapy in Cancer. Endocrinology, 159(3), 1303.

Daniel B, et al. (2018) The Nuclear Receptor PPAR $\gamma$  Controls Progressive Macrophage Polarization as a Ligand-Insensitive Epigenomic Ratchet of Transcriptional Memory. *Immunity*, 49(4), 615.