

Resource Summary Report

Generated by ASWG on Aug 9, 2026

RXRA-human

RRID:AB_2184874

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-553, RRID:AB_2184874

Antibody Information

URL: 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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Baak R, et al. (2026) A simple and robust reporter-based framework for deep functional characterization of PPAR γ 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 γ Promotes PLK1 Activation and Mitotic Progression and Constitutes a Tumor Vulnerability. Developmental cell, 55(6), 707.

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

Li CG, et al. (2019) PPAR γ 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- γ 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 γ 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 γ Controls Progressive Macrophage Polarization as a Ligand-Insensitive Epigenomic Ratchet of Transcriptional Memory. *Immunity*, 49(4), 615.