

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

Fatty Acid Synthase (A-5)

RRID:AB_2231427

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-55580, RRID:AB_2231427

Antibody Information

URL: http://antibodyregistry.org/AB_2231427

Proper Citation: Santa Cruz Biotechnology Cat# sc-55580, RRID:AB_2231427

Target Antigen: FASN

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: Fatty Acid Synthase (A-5)

Description: This monoclonal targets FASN

Target Organism: rat, mouse, human

Clone ID: A-5

Antibody ID: AB_2231427

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-55580

Record Creation Time: 20250819T222929+0000

Record Last Update: 20250820T022122+0000

Ratings and Alerts

No rating or validation information has been found for Fatty Acid Synthase (A-5).

No alerts have been found for Fatty Acid Synthase (A-5).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Cáliz-Molina MÁ, et al. (2025) Enhanced non-enzymatic H₂S generation extends lifespan and healthspan in male mice. *Cell metabolism*.

Wu Z, et al. (2025) Induction of a metabolic switch from glucose to ketone metabolism programs ketogenic diet-induced therapeutic vulnerability in lung cancer. *Cell metabolism*, 37(11), 2233.

Xue C, et al. (2024) Nogo-B inhibition facilitates cholesterol metabolism to reduce hypercholesterolemia. *Cell reports*, 43(9), 114691.

Ng ASN, et al. (2022) AKTIP loss is enriched in ER⁺-positive breast cancer for tumorigenesis and confers endocrine resistance. *Cell reports*, 41(11), 111821.

Bruning U, et al. (2018) Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. *Cell metabolism*, 28(6), 866.

Gulyaeva O, et al. (2018) Sox9-Meis1 Inactivation Is Required for Adipogenesis, Advancing Pref-1⁺ to PDGFR⁺ Cells. *Cell reports*, 25(4), 1002.