

Resource Summary Report

Generated by [RRID](#) on Sep 5, 2026

Tom70 Antibody (A-8)

RRID:AB_2714192

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-390545, RRID:AB_2714192

Antibody Information

URL: http://antibodyregistry.org/AB_2714192

Proper Citation: Santa Cruz Biotechnology Cat# sc-390545, RRID:AB_2714192

Target Antigen: Tom70

Host Organism: mouse

Clonality: monoclonal

Comments: Epitope mapping: amino acids 492-608 mapping at the C-terminus of Tom70 of human origin; Vendor recommended applications: WB, IP, IF, IHC-P, ELISA

Antibody Name: Tom70 Antibody (A-8)

Description: This monoclonal targets Tom70

Target Organism: rat, mouse, human

Clone ID: A-8

Antibody ID: AB_2714192

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-390545

Record Creation Time: 20231110T033812+0000

Record Last Update: 20260901T045142+0000

Ratings and Alerts

No rating or validation information has been found for Tom70 Antibody (A-8).

No alerts have been found for Tom70 Antibody (A-8).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Batra J, et al. (2026) Coronavirus protein interaction mapping in bat and human cells reveals network rewiring governing immune evasion and zoonotic potential. *Cell host & microbe*, 34(6), 1100.

McKenna MJ, et al. (2025) ARMC1 partitions between distinct complexes and assembles MIRO with MTFR to control mitochondrial distribution. *Science advances*, 11(15), eadu5091.

Lee JS, et al. (2025) Pressure to evade cell-autonomous innate sensing reveals interplay between mitophagy, IFN signaling, and SARS-CoV-2 evolution. *Cell reports*, 44(1), 115115.

Sobierajski E, et al. (2025) Expression of synaptic proteins and development of dendritic spines in fetal and postnatal neocortex of the pig, the European wild boar *Sus scrofa*. *Brain structure & function*, 230(2), 38.

Batra J, et al. (2025) Coronavirus protein interaction mapping in bat and human cells identifies molecular and genetic switches for immune evasion and replication. *bioRxiv : the preprint server for biology*.

Nag S, et al. (2023) PGAM5 is an MFN2 phosphatase that plays an essential role in the regulation of mitochondrial dynamics. *Cell reports*, 42(8), 112895.

Sohn JH, et al. (2023) Liver mitochondrial cristae organizing protein MIC19 promotes energy expenditure and pedestrian locomotion by altering nucleotide metabolism. *Cell metabolism*, 35(8), 1356.

Latorre-Muro P, et al. (2021) A cold-stress-inducible PERK/OGT axis controls TOM70-assisted mitochondrial protein import and cristae formation. *Cell metabolism*, 33(3), 598.

Wang TS, et al. (2020) Endolysosomal Targeting of Mitochondria Is Integral to BAX-Mediated Mitochondrial Permeabilization during Apoptosis Signaling. *Developmental cell*, 53(6), 627.

Gordon DE, et al. (2020) Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. *Science (New York, N.Y.)*, 370(6521).

Tang Z, et al. (2019) TOM40 Targets Atg2 to Mitochondria-Associated ER Membranes for Phagophore Expansion. *Cell reports*, 28(7), 1744.

Wei Y, et al. (2017) Prohibitin 2 Is an Inner Mitochondrial Membrane Mitophagy Receptor. *Cell*, 168(1-2), 224.