

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Adenine Nucleotide Translocase 1 antibody [5F51BB5AG7]

RRID:AB_10862212

Type: Antibody

Proper Citation

Abcam Cat# ab110322, RRID:AB_10862212

Antibody Information

URL: http://antibodyregistry.org/AB_10862212

Proper Citation: Abcam Cat# ab110322, RRID:AB_10862212

Target Antigen: Adenine Nucleotide Translocase 1 antibody [5F51BB5AG7]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Immunofluorescence; Immunocytochemistry; ICC/IF, WB

Antibody Name: Adenine Nucleotide Translocase 1 antibody [5F51BB5AG7]

Description: This monoclonal targets Adenine Nucleotide Translocase 1 antibody [5F51BB5AG7]

Target Organism: rat, cow, mouse, bovine, human

Antibody ID: AB_10862212

Vendor: Abcam

Catalog Number: ab110322

Record Creation Time: 20250819T205337+0000

Record Last Update: 20250819T210951+0000

Ratings and Alerts

No rating or validation information has been found for Adenine Nucleotide Translocase 1 antibody [5F51BB5AG7].

No alerts have been found for Adenine Nucleotide Translocase 1 antibody [5F51BB5AG7].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Yu SB, et al. (2024) Neuronal activity-driven O-GlcNAcylation promotes mitochondrial plasticity. *Developmental cell*, 59(16), 2143.

Chen MW, et al. (2021) Targeting the mitochondrial permeability transition pore for neuroprotection in a piglet model of neonatal hypoxic-ischemic encephalopathy. *Journal of neuroscience research*, 99(6), 1550.

Carpio MA, et al. (2021) BOK controls apoptosis by Ca²⁺ transfer through ER-mitochondrial contact sites. *Cell reports*, 34(10), 108827.

Xu W, et al. (2021) Apaf-1 Pyroptosome Senses Mitochondrial Permeability Transition. *Cell metabolism*, 33(2), 424.

Zhou B, et al. (2019) Mitochondrial Permeability Uncouples Elevated Autophagy and Lifespan Extension. *Cell*, 177(2), 299.

Hu Z, et al. (2019) Acylglycerol Kinase Maintains Metabolic State and Immune Responses of CD8⁺ T Cells. *Cell metabolism*, 30(2), 290.

Vukotic M, et al. (2017) Acylglycerol Kinase Mutated in Sengers Syndrome Is a Subunit of the TIM22 Protein Translocase in Mitochondria. *Molecular cell*, 67(3), 471.

Thompson K, et al. (2016) Recurrent De Novo Dominant Mutations in SLC25A4 Cause Severe Early-Onset Mitochondrial Disease and Loss of Mitochondrial DNA Copy Number. *American journal of human genetics*, 99(4), 860.