

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Slow Skeletal Myosin Heavy chain antibody [NOQ7.5.4D]

RRID:AB_297734

Type: Antibody

Proper Citation

Abcam Cat# ab11083, RRID:AB_297734

Antibody Information

URL: http://antibodyregistry.org/AB_297734

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Target Antigen: Slow Skeletal Myosin Heavy chain antibody [NOQ7.5.4D]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry - fixed; Radioimmunoassay; Western Blot; Electron Microscopy; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; ELISA, EM, ICC/IF, IHC-P, RIA, WB

Antibody Name: Slow Skeletal Myosin Heavy chain antibody [NOQ7.5.4D]

Description: This monoclonal targets Slow Skeletal Myosin Heavy chain antibody [NOQ7.5.4D]

Target Organism: chicken, feline, rat, hamster, porcine, cow, canine, goat, pig, mouse, chickenbird, cat, rabbit, bovine, human, dog, sheep

Antibody ID: AB_297734

Vendor: Abcam

Catalog Number: ab11083

Record Creation Time: 20250820T000625+0000

Record Last Update: 20250820T072319+0000

Ratings and Alerts

No rating or validation information has been found for Slow Skeletal Myosin Heavy chain antibody [NOQ7.5.4D].

No alerts have been found for Slow Skeletal Myosin Heavy chain antibody [NOQ7.5.4D].

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 [NIF](#) .

Rossi M, et al. (2025) Dietary nitrate supplementation mitigates age-related changes at the neuromuscular junction in mice. *The Journal of physiology*.

Li S, et al. (2024) Dietary protein restriction regulates skeletal muscle fiber metabolic characteristics associated with the FGF21-ERK1/2 pathway. *iScience*, 27(3), 109249.

Zhang K, et al. (2024) Glucose restriction enhances oxidative fiber formation: A multi-omic signal network involving AMPK and CaMK2. *iScience*, 27(1), 108590.

Zhao Y, et al. (2023) Adipocyte Rnf20 ablation increases the fast-twitch fibers of skeletal muscle via lysophosphatidylcholine 16:0. *Cellular and molecular life sciences : CMLS*, 80(9), 243.

Dörmann N, et al. (2023) Metabolic remodeling in cardiac hypertrophy and heart failure with reduced ejection fraction occurs independent of transcription factor EB in mice. *Frontiers in cardiovascular medicine*, 10, 1323760.

Schrötter S, et al. (2022) The non-essential TSC complex component TBC1D7 restricts tissue mTORC1 signaling and brain and neuron growth. *Cell reports*, 39(7), 110824.

Stremming J, et al. (2022) Lower citrate synthase activity, mitochondrial complex expression, and fewer oxidative myofibers characterize skeletal muscle from growth-restricted fetal sheep. *American journal of physiology. Regulatory, integrative and comparative physiology*, 322(3), R228.

Ebbinghaus M, et al. (2020) Gain-of-function mutation in SCN11A causes itch and affects neurogenic inflammation and muscle function in Scn11a+/L799P mice. *PloS one*, 15(8), e0237101.

Seldin MM, et al. (2018) A Strategy for Discovery of Endocrine Interactions with Application to Whole-Body Metabolism. *Cell metabolism*, 27(5), 1138.