Resource Summary Report

Generated by RRID on Sep 10, 2026

Recombinant Anti-Cathepsin B antibody [EPR21033]

RRID:AB_2848144
Type: Antibody

Proper Citation

Abcam Cat# ab214428, RRID:AB_2848144

Antibody Information

URL: http://antibodyregistry.org/AB_2848144

Proper Citation: Abcam Cat# ab214428, RRID:AB_2848144

Target Antigen: Cathepsin B

Host Organism: rabbit

Clonality: recombinant

Comments: Applications: Flow Cyt, IHC-P, WB, ICC/IF

Antibody Name: Recombinant Anti-Cathepsin B antibody [EPR21033]

Description: This recombinant targets Cathepsin B

Target Organism: rat, mouse

Clone ID: EPR21033

Antibody ID: AB_2848144

Vendor: Abcam

Catalog Number: ab214428

Record Creation Time: 20231110T032210+0000

Record Last Update: 20260829T013621+0000

Ratings and Alerts

- This report presents a guide to selecting high-quality commercial antibodies against Cathepsin B (CTSB) in western blot using a standardized experimental protocol based on comparing read-outs in knockout cell lines and isogenic controls.??This study was funded in part by the Michael J. Fox Foundation (MJFF) for Parkinson's disease. - YCHarOS https://ycharos.com/

No alerts have been found for Recombinant Anti-Cathepsin B antibody [EPR21033].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Rodriguez RA, et al. (2025) Expansion of secreted cystine knot proteins reveals virulence factors in the human fungal pathogen Histoplasma. Cell reports, 44(11), 116465.

Das Gupta A, et al. (2024) 27-Hydroxycholesterol Enhances Secretion of Extracellular Vesicles by ROS-Induced Dysregulation of Lysosomes. Endocrinology, 165(11).

Chen Y, et al. (2023) DADLE promotes motor function recovery by inhibiting cytosolic phospholipase A2 mediated lysosomal membrane permeabilization after spinal cord injury. British journal of pharmacology.

Jiang X, et al. (2023) SLC7A14 imports GABA to lysosomes and impairs hepatic insulin sensitivity via inhibiting mTORC2. Cell reports, 42(1), 111984.

Krause GJ, et al. (2023) Molecular determinants of the crosstalk between endosomal microautophagy and chaperone-mediated autophagy. Cell reports, 42(12), 113529.

Wu YH, et al. (2022) Caspase-8 inactivation drives autophagy-dependent inflammasome activation in myeloid cells. Science advances, 8(45), eabn9912.

Soares AC, et al. (2021) PIKfyve activity is required for lysosomal trafficking of tau aggregates and tau seeding. The Journal of biological chemistry, 296, 100636.