

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

[RENT1/hUPF1 antibody \[EPR4681\]](#)

RRID:AB_10861979

Type: Antibody

Proper Citation

Abcam Cat# ab109363, RRID:AB_10861979

Antibody Information

URL: http://antibodyregistry.org/AB_10861979

Proper Citation: Abcam Cat# ab109363, RRID:AB_10861979

Target Antigen: RENT1/hUPF1 antibody [EPR4681]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Flow Cyt, ICC/IF, IHC-P, IP, WB; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Immunohistochemistry - fixed; Flow Cytometry; Western Blot; Immunocytochemistry

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: RENT1/hUPF1 antibody [EPR4681]

Description: This monoclonal targets RENT1/hUPF1 antibody [EPR4681]

Target Organism: mouse, human

Antibody ID: AB_10861979

Vendor: Abcam

Catalog Number: ab109363

Record Creation Time: 20250820T003743+0000

Record Last Update: 20250820T084628+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for RENT1/hUPF1 antibody [EPR4681].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Alessandrini F, et al. (2025) TDP-43 dysfunction compromises UPF1-dependent mRNA metabolism in ALS. Neuron.

Hilpert DC, et al. (2025) Basal autophagy during meiotic prophase I is required for accurate chromosome segregation in Drosophila oocytes and declines during oocyte aging. bioRxiv : the preprint server for biology.

Campbell AE, et al. (2023) Compromised nonsense-mediated RNA decay results in truncated RNA-binding protein production upon DUX4 expression. Cell reports, 42(6), 112642.

Zaepfel BL, et al. (2021) UPF1 reduces C9orf72 HRE-induced neurotoxicity in the absence of nonsense-mediated decay dysfunction. Cell reports, 34(13), 108925.

Blazquez L, et al. (2018) Exon Junction Complex Shapes the Transcriptome by Repressing Recursive Splicing. Molecular cell, 72(3), 496.