

# Resource Summary Report

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## VCP antibody [5]

RRID:AB\_298039

Type: Antibody

### Proper Citation

(Abcam Cat# ab11433, RRID:AB\_298039)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_298039](http://antibodyregistry.org/AB_298039)

**Proper Citation:** (Abcam Cat# ab11433, RRID:AB\_298039)

**Target Antigen:** VCP antibody [5]

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** validation status unknown, seller recommendations provided in 2012:2a;2a  
Immunohistochemistry - frozen; Immunocytochemistry; Immunofluorescence;  
Immunoprecipitation; Immunohistochemistry; Flow Cytometry; Western Blot;  
Immunohistochemistry - fixed; Flow Cyt, ICC/IF, IHC-Fr, IHC-P, IP, WB

**Antibody Name:** VCP antibody [5]

**Description:** This monoclonal targets VCP antibody [5]

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

**Antibody ID:** AB\_298039

**Vendor:** Abcam

**Catalog Number:** ab11433

**Record Creation Time:** 20241017T002414+0000

**Record Last Update:** 20241017T020853+0000

## Ratings and Alerts

No rating or validation information has been found for VCP antibody [5].

No alerts have been found for VCP antibody [5].

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 24 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Ito J, et al. (2024) PRDX6 dictates ferroptosis sensitivity by directing cellular selenium utilization. *Molecular cell*, 84(23), 4629.

Zhao DY, et al. (2024) Autophagy preferentially degrades non-fibrillar polyQ aggregates. *Molecular cell*, 84(10), 1980.

Mazeaud C, et al. (2024) Zika virus remodels and hijacks IGF2BP2 ribonucleoprotein complex to promote viral replication organelle biogenesis. *eLife*, 13.

Saha I, et al. (2023) The AAA+ chaperone VCP disaggregates Tau fibrils and generates aggregate seeds in a cellular system. *Nature communications*, 14(1), 560.

Warren GD, et al. (2023) Mechanism of Lys6 poly-ubiquitin specificity by the L. pneumophila deubiquitinase LotA. *Molecular cell*, 83(1), 105.

Iriki T, et al. (2023) Senescent cells form nuclear foci that contain the 26S proteasome. *Cell reports*, 42(8), 112880.

Loft A, et al. (2022) A macrophage-hepatocyte glucocorticoid receptor axis coordinates fasting ketogenesis. *Cell metabolism*, 34(3), 473.

Hallacli E, et al. (2022) The Parkinson's disease protein alpha-synuclein is a modulator of processing bodies and mRNA stability. *Cell*, 185(12), 2035.

Shearer RF, et al. (2022) K27-linked ubiquitylation promotes p97 substrate processing and is essential for cell proliferation. *The EMBO journal*, 41(9), e110145.

Sekar R, et al. (2022) Vps37a regulates hepatic glucose production by controlling glucagon receptor localization to endosomes. *Cell metabolism*, 34(11), 1824.

Lehner MH, et al. (2022) Yeast Smy2 and its human homologs GIGYF1 and -2 regulate

Cdc48/VCP function during transcription stress. *Cell reports*, 41(4), 111536.

Volkmar N, et al. (2022) Regulation of membrane fluidity by RNF145-triggered degradation of the lipid hydrolase ADIPOR2. *The EMBO journal*, 41(19), e110777.

Tawfik B, et al. (2021) Synaptotagmin-7 places dense-core vesicles at the cell membrane to promote Munc13-2- and Ca<sup>2+</sup>-dependent priming. *eLife*, 10.

Wani A, et al. (2021) Neuronal VCP loss of function recapitulates FTLD-TDP pathology. *Cell reports*, 36(3), 109399.

Hark TJ, et al. (2021) Pulse-Chase Proteomics of the App Knockin Mouse Models of Alzheimer's Disease Reveals that Synaptic Dysfunction Originates in Presynaptic Terminals. *Cell systems*, 12(2), 141.

Franz A, et al. (2021) USP7 and VCPFAF1 define the SUMO/Ubiquitin landscape at the DNA replication fork. *Cell reports*, 37(2), 109819.

Ruiter M, et al. (2019) An Electrostatic Energy Barrier for SNARE-Dependent Spontaneous and Evoked Synaptic Transmission. *Cell reports*, 26(9), 2340.

Greenwood EJD, et al. (2019) Promiscuous Targeting of Cellular Proteins by Vpr Drives Systems-Level Proteomic Remodeling in HIV-1 Infection. *Cell reports*, 27(5), 1579.

van Well EM, et al. (2019) A protein quality control pathway regulated by linear ubiquitination. *The EMBO journal*, 38(9).

Koyano F, et al. (2019) Parkin-mediated ubiquitylation redistributes MITOL/March5 from mitochondria to peroxisomes. *EMBO reports*, 20(12), e47728.