# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 8, 2025

## Anti-Huntingtin Protein, a.a. 181-810, clone 1HU-4C8

RRID:AB_2123255
Type: Antibody

### Proper Citation

(Millipore Cat# MAB2166, RRID:AB_2123255)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_2123255

**Proper Citation:** (Millipore Cat# MAB2166, RRID:AB_2123255)

**Target Antigen:** Htt

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** seller recommendations: western blot, ELISA, immunoprecipitation, immunohistochemistry, immunocytochemistry

**Antibody Name:** Anti-Huntingtin Protein, a.a. 181-810, clone 1HU-4C8

**Description:** This monoclonal targets Htt

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

**Antibody ID:** AB_2123255

**Vendor:** Millipore

**Catalog Number:** MAB2166

**Record Creation Time:** 20241017T001546+0000

**Record Last Update:** 20241017T015604+0000

### Ratings and Alerts

No rating or validation information has been found for Anti-Huntingtin Protein, a.a. 181-810, clone 1HU-4C8.

No alerts have been found for Anti-Huntingtin Protein, a.a. 181-810, clone 1HU-4C8.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 16 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Wrobel L, et al. (2024) p37 regulates VCP/p97 shuttling and functions in the nucleus and cytosol. Science advances, 10(18), eadl6082.

King AC, et al. (2024) Modulation of SNARE-dependent exocytosis in astrocytes improves neuropathology in Huntington's disease. Disease models & mechanisms, 17(11).

Ratz-Wirsching V, et al. (2024) Gene-dosage- and sex-dependent differences in the prodromal-Like phase of the F344tgHD rat model for Huntington disease. Frontiers in neuroscience, 18, 1354977.

Duarte F, et al. (2023) Semi-automated workflows to quantify AAV transduction in various brain areas and predict gene editing outcome for neurological disorders. Molecular therapy. Methods & clinical development, 29, 254.

Krzystek TJ, et al. (2023) HTT (huntingtin) and RAB7 co-migrate retrogradely on a signaling LAMP1-containing late endosome during axonal injury. Autophagy, 19(4), 1199.

Wennagel D, et al. (2022) Huntingtin coordinates dendritic spine morphology and function through cofilin-mediated control of the actin cytoskeleton. Cell reports, 40(9), 111261.

Wrobel L, et al. (2022) Compounds activating VCP D1 ATPase enhance both autophagic and proteasomal neurotoxic protein clearance. Nature communications, 13(1), 4146.

Akimov SS, et al. (2021) Immortalized striatal precursor neurons from Huntington's disease patient-derived iPS cells as a platform for target identification and screening for experimental therapeutics. Human molecular genetics, 30(24), 2469.

Huang ZN, et al. (2021) Inhibition of p38 Mitogen-Activated Protein Kinase Ameliorates HAP40 Depletion-Induced Toxicity and Proteasomal Defect in Huntington's Disease Model. Molecular neurobiology, 58(6), 2704.

Jung T, et al. (2020) The Polyglutamine Expansion at the N-Terminal of Huntingtin Protein

Modulates the Dynamic Configuration and Phosphorylation of the C-Terminal HEAT Domain. Structure (London, England : 1993), 28(9), 1035.

Ehrnhoefer DE, et al. (2019) Activation of Caspase-6 Is Promoted by a Mutant Huntingtin Fragment and Blocked by an Allosteric Inhibitor Compound. Cell chemical biology, 26(9), 1295.

Aviolat H, et al. (2019) Assessing average somatic CAG repeat instability at the protein level. Scientific reports, 9(1), 19152.

Polyzos AA, et al. (2019) Metabolic Reprogramming in Astrocytes Distinguishes Region-Specific Neuronal Susceptibility in Huntington Mice. Cell metabolism, 29(6), 1258.

Girling KD, et al. (2018) Activation of caspase-6 and cleavage of caspase-6 substrates is an early event in NMDA receptor-mediated excitotoxicity. Journal of neuroscience research, 96(3), 391.

Yu M, et al. (2017) Suppression of MAPK11 or HIPK3 reduces mutant Huntingtin levels in Huntington's disease models. Cell research, 27(12), 1441.

McKinstry SU, et al. (2014) Huntingtin is required for normal excitatory synapse development in cortical and striatal circuits. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(28), 9455.