

# Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

## UTX (D3Q1I) Rabbit mAb

RRID:AB\_2721244

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 33510, RRID:AB\_2721244

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2721244](http://antibodyregistry.org/AB_2721244)

**Proper Citation:** Cell Signaling Technology Cat# 33510, RRID:AB\_2721244

**Target Antigen:** UTX

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Applications: W, IP, IHC-P

**Antibody Name:** UTX (D3Q1I) Rabbit mAb

**Description:** This monoclonal targets UTX

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

**Clone ID:** D3Q1I

**Antibody ID:** AB\_2721244

**Vendor:** Cell Signaling Technology

**Catalog Number:** 33510

**Record Creation Time:** 20250820T001737+0000

**Record Last Update:** 20250820T075307+0000

### Ratings and Alerts

No rating or validation information has been found for UTX (D3Q1I) Rabbit mAb.

No alerts have been found for UTX (D3Q1I) Rabbit mAb.

## Data and Source Information

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

## Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Kuroha K, et al. (2025) Abnormal H3K27me3 underlies degenerative spermatogonial stem cells in cryptorchid testis. *Development (Cambridge, England)*, 152(2).

Cohen JA, et al. (2025) KMT2D coordinates antiviral CD4+ T cell responses through opposing effects on T follicular helper and cytotoxic gene expression. *Cell reports*, 44(6), 115775.

Ditzer N, et al. (2025) Epigenome profiling identifies H3K27me3 regulation of extracellular matrix composition in human corticogenesis. *Neuron*.

Kim H, et al. (2024) MTOR modulation induces selective perturbations in histone methylation which influence the anti-proliferative effects of mTOR inhibitors. *iScience*, 27(3), 109188.

Dupéré-Richer D, et al. (2024) KDM6A Regulates Immune Response Genes in Multiple Myeloma. *bioRxiv : the preprint server for biology*.

Yang N, et al. (2023) A hyper-quiescent chromatin state formed during aging is reversed by regeneration. *Molecular cell*, 83(10), 1659.

Song T, et al. (2023) TRIM28 represses renal cell carcinoma cell proliferation by inhibiting TFE3/KDM6A-regulated autophagy. *The Journal of biological chemistry*, 299(5), 104621.

Perovanovic J, et al. (2023) Oct1 cooperates with the Smad family of transcription factors to promote mesodermal lineage specification. *Science signaling*, 16(781), eadd5750.

Basta MD, et al. (2023) Changes in nascent chromatin structure regulate activation of the pro-fibrotic transcriptome and myofibroblast emergence in organ fibrosis. *iScience*, 26(5), 106570.

Qiu H, et al. (2023) KDM6A Loss Triggers an Epigenetic Switch That Disrupts Urothelial Differentiation and Drives Cell Proliferation in Bladder Cancer. *Cancer research*, 83(6), 814.

Wang Q, et al. (2022) PTIP governs NAD+ metabolism by regulating CD38 expression to drive macrophage inflammation. *Cell reports*, 38(13), 110603.

Langille E, et al. (2022) Loss of Epigenetic Regulation Disrupts Lineage Integrity, Induces Aberrant Alveogenesis, and Promotes Breast Cancer. *Cancer discovery*, 12(12), 2930.

Hogg SJ, et al. (2021) Targeting histone acetylation dynamics and oncogenic transcription by catalytic P300/CBP inhibition. *Molecular cell*, 81(10), 2183.

Mitchell JE, et al. (2021) UTX promotes CD8<sup>+</sup> T cell-mediated antiviral defenses but reduces T cell durability. *Cell reports*, 35(2), 108966.

Wei J, et al. (2021) Genome-wide CRISPR Screens Reveal Host Factors Critical for SARS-CoV-2 Infection. *Cell*, 184(1), 76.

Li X, et al. (2021) Macrophage HIF-2 $\alpha$  suppresses NLRP3 inflammasome activation and alleviates insulin resistance. *Cell reports*, 36(8), 109607.

Wu J, et al. (2020) Requisite Chromatin Remodeling for Myeloid and Erythroid Lineage Differentiation from Erythromyeloid Progenitors. *Cell reports*, 33(7), 108395.

Haniuda K, et al. (2020) Metabolic Reprogramming Induces Germinal Center B Cell Differentiation through Bcl6 Locus Remodeling. *Cell reports*, 33(5), 108333.

Chen H, et al. (2019) Histone demethylase UTX is a therapeutic target for diabetic kidney disease. *The Journal of physiology*, 597(6), 1643.

Ying Z, et al. (2018) Short-Term Mitochondrial Permeability Transition Pore Opening Modulates Histone Lysine Methylation at the Early Phase of Somatic Cell Reprogramming. *Cell metabolism*, 28(6), 935.