

# Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

## xCT Antibody - BSA Free

RRID:AB\_10000581

Type: Antibody

### Proper Citation

Novus Cat# NB300-318, RRID:AB\_10000581

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10000581](http://antibodyregistry.org/AB_10000581)

**Proper Citation:** Novus Cat# NB300-318, RRID:AB\_10000581

**Target Antigen:** xCT

**Host Organism:** Rabbit

**Clonality:** polyclonal

**Comments:** Applications: Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation (Negative), Dual RNAscope ISH-IHC  
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:** xCT Antibody - BSA Free

**Description:** This polyclonal targets xCT

**Target Organism:** Human, Rat, Mouse

**Antibody ID:** AB\_10000581

**Vendor:** Novus

**Catalog Number:** NB300-318

**Alternative Catalog Numbers:** NB300-318SS

**Record Creation Time:** 20250820T060612+0000

**Record Last Update:** 20250820T231815+0000

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## 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 xCT Antibody - BSA Free.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kim MJ, et al. (2026) Excessive epithelial mechanosensation drives nociceptive innervation and chronic bladder pain via the PIEZO1-SLC7A11-glutamate axis. Cell.

Mi Y, et al. (2023) Melatonin inhibits ferroptosis and delays age-related cataract by regulating SIRT6/p-Nrf2/GPX4 and SIRT6/NCOA4/FTTH1 pathways. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 157, 114048.

LaCrosse AL, et al. (2017) Contrasting the Role of xCT and GLT-1 Upregulation in the Ability of Ceftriaxone to Attenuate the Cue-Induced Reinstatement of Cocaine Seeking and Normalize AMPA Receptor Subunit Expression. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(24), 5809.

Nasca C, et al. (2017) Role of the Astroglial Glutamate Exchanger xCT in Ventral Hippocampus in Resilience to Stress. Neuron, 96(2), 402.