

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 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

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

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.

Data and Source Information

Source: [Antibody Registry](#)

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/FTH1 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.