

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

DMT1 antibody

RRID:AB_2239227

Type: Antibody

Proper Citation

Abcam Cat# ab55735, RRID:AB_2239227

Antibody Information

URL: http://antibodyregistry.org/AB_2239227

Proper Citation: Abcam Cat# ab55735, RRID:AB_2239227

Target Antigen: SLC11A2

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunohistochemistry

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: DMT1 antibody

Description: This monoclonal targets SLC11A2

Target Organism: human

Antibody ID: AB_2239227

Vendor: Abcam

Catalog Number: ab55735

Record Creation Time: 20250820T011916+0000

Record Last Update: 20250820T103659+0000

Ratings and Alerts

- Independent validation by the NYU Langone 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 DMT1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Nasir F, et al. (2026) NaHS replenishes hydrogen sulfide levels and rescues myelination defects through NRF2 signaling and iron homeostasis after traumatic brain injury in Swiss albino male mice. *Neurochemistry international*, 199, 106230.

Lissner MM, et al. (2020) Metabolic profiling during malaria reveals the role of the aryl hydrocarbon receptor in regulating kidney injury. *eLife*, 9.

Ganini D, et al. (2018) Switch of Mitochondrial Superoxide Dismutase into a Prooxidant Peroxidase in Manganese-Deficient Cells and Mice. *Cell chemical biology*, 25(4), 413.