

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

4 Hydroxynonenal antibody

RRID:AB_722493

Type: Antibody

Proper Citation

Abcam Cat# ab46544, RRID:AB_722493

Antibody Information

URL: http://antibodyregistry.org/AB_722493

Proper Citation: Abcam Cat# ab46544, RRID:AB_722493

Target Antigen: 4 Hydroxynonenal antibody

Host Organism: goat

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; ELISA; ELISA, WB

Antibody Name: 4 Hydroxynonenal antibody

Description: This polyclonal targets 4 Hydroxynonenal antibody

Antibody ID: AB_722493

Vendor: Abcam

Catalog Number: ab46544

Record Creation Time: 20231110T080047+0000

Record Last Update: 20260828T234757+0000

Ratings and Alerts

No rating or validation information has been found for 4 Hydroxynonenal antibody.

No alerts have been found for 4 Hydroxynonenal antibody.

Data and Source Information

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

de la Monte SM, et al. (2026) Molecular and biochemical correlates of frontal lobe white matter degeneration in humans with alcohol use disorder. *Advances in drug and alcohol research*, 6, 15431.

Lahme K, et al. (2026) Autoantibody-triggered podocyte membrane budding drives autoimmune kidney disease. *Cell*, 189(1), 123.

de la Monte SM, et al. (2024) Agent Orange Herbicidal Toxin-Initiation of Alzheimer-Type Neurodegeneration. *Journal of Alzheimer's disease : JAD*, 97(4), 1703.

Yalcin EB, et al. (2024) Differential effects of moderate chronic ethanol consumption on neurobehavior, white matter glial protein expression, and mTOR pathway signaling with adolescent brain maturation. *The American journal of drug and alcohol abuse*, 50(4), 492.

de la Monte SM, et al. (2023) Differential Early Mechanistic Frontal Lobe Responses to Choline Chloride and Soy Isoflavones in an Experimental Model of Fetal Alcohol Spectrum Disorder. *International journal of molecular sciences*, 24(8).

de la Monte SM, et al. (2023) Agent Orange Causes Metabolic Dysfunction and Molecular Pathology Reminiscent of Alzheimer's Disease. *Journal of Alzheimer's disease reports*, 7(1), 751.

Flor A, et al. (2021) Lipid-derived electrophiles mediate the effects of chemotherapeutic topoisomerase I poisons. *Cell chemical biology*, 28(6), 776.

Stoffel W, et al. (2021) High fat / high cholesterol diet does not provoke atherosclerosis in the Δ^3 - and Δ^6 -polyunsaturated fatty acid synthesis-inactivated Δ^6 -fatty acid desaturase-deficient mouse. *Molecular metabolism*, 54, 101335.

Feng H, et al. (2020) Transferrin Receptor Is a Specific Ferroptosis Marker. *Cell reports*, 30(10), 3411.

Liou CJ, et al. (2019) Altered Brain Expression of Insulin and Insulin-Like Growth Factors in Frontotemporal Lobar Degeneration: Another Degenerative Disease Linked to Dysregulation of Insulin Metabolic Pathways. *ASN neuro*, 11, 1759091419839515.