

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

Anti-Opioid Receptor, delta, pain, N-terminus

RRID:AB_90778

Type: Antibody

Proper Citation

Millipore Cat# AB1560, RRID:AB_90778

Antibody Information

URL: http://antibodyregistry.org/AB_90778

Proper Citation: Millipore Cat# AB1560, RRID:AB_90778

Target Antigen: Opioid Receptor delta pain N-terminus

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: Flow Cytometry; Western Blot; Immunohistochemistry; FC, IH(P), WB

Antibody Name: Anti-Opioid Receptor, delta, pain, N-terminus

Description: This polyclonal targets Opioid Receptor delta pain N-terminus

Target Organism: h, m, r

Antibody ID: AB_90778

Vendor: Millipore

Catalog Number: AB1560

Record Creation Time: 20250820T032917+0000

Record Last Update: 20250820T162244+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Opioid Receptor, delta, pain, N-terminus.

No alerts have been found for Anti-Opioid Receptor, delta, pain, N-terminus.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Tearle JLE, et al. (2023) Targeted Single-cell Isolation of Spontaneously Escaping Live Melanoma Cells for Comparative Transcriptomics. Cancer research communications, 3(8), 1524.

Vicario N, et al. (2022) Mu and Delta Opioid Receptor Targeting Reduces Connexin 43-Based Heterocellular Coupling during Neuropathic Pain. International journal of molecular sciences, 23(11).

Windisch KA, et al. (2021) Acute Delta 9-tetrahydrocannabinol administration differentially alters the hippocampal opioid system in adult female and male rats. Synapse (New York, N.Y.), 75(10), e22218.

Ashirova E, et al. (2021) Oxycodone injections not paired with conditioned place preference have little effect on the hippocampal opioid system in female and male rats. Synapse (New York, N.Y.), 75(1), e22182.

Vicario N, et al. (2019) Simultaneous Activation of Mu and Delta Opioid Receptors Reduces Allodynia and Astrocytic Connexin 43 in an Animal Model of Neuropathic Pain. Molecular neurobiology, 56(11), 7338.

Reich B, et al. (2019) Chronic immobilization stress primes the hippocampal opioid system for oxycodone-associated learning in female but not male rats. Synapse (New York, N.Y.), 73(5), e22088.

Ryan JD, et al. (2018) Sex Differences in the Rat Hippocampal Opioid System After Oxycodone Conditioned Place Preference. Neuroscience, 393, 236.

Leroy F, et al. (2017) Input-Timing-Dependent Plasticity in the Hippocampal CA2 Region and Its Potential Role in Social Memory. Neuron, 95(5), 1089.