

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Mouse EphA4 Antibody

RRID:AB_2099371

Type: Antibody

Proper Citation

R and D Systems Cat# AF641, RRID:AB_2099371

Antibody Information

URL: http://antibodyregistry.org/AB_2099371

Proper Citation: R and D Systems Cat# AF641, RRID:AB_2099371

Target Antigen: EphA4

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry

Antibody Name: Mouse EphA4 Antibody

Description: This polyclonal targets EphA4

Target Organism: mouse

Defining Citation: [PMID:23348681](#)

Antibody ID: AB_2099371

Vendor: R and D Systems

Catalog Number: AF641

Alternative Catalog Numbers: AF641-SP

Record Creation Time: 20250819T220422+0000

Record Last Update: 20250820T010054+0000

Ratings and Alerts

No rating or validation information has been found for Mouse EphA4 Antibody.

No alerts have been found for Mouse EphA4 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Urban MW, et al. (2024) EphrinB2 knockdown in cervical spinal cord preserves diaphragm innervation in a mutant SOD1 mouse model of ALS. eLife, 12.

Urban MW, et al. (2023) EphrinB2 knockdown in cervical spinal cord preserves diaphragm innervation in a mutant SOD1 mouse model of ALS. bioRxiv : the preprint server for biology.

Altounian M, et al. (2023) Neuronal miR-17-5p contributes to interhemispheric cortical connectivity defects induced by prenatal alcohol exposure. Cell reports, 42(9), 113020.

Lewis AE, et al. (2022) Tracheal separation is driven by NKX2-1-mediated repression of Efnb2 and regulation of endodermal cell sorting. Cell reports, 38(11), 110510.

Tran-Anh K, et al. (2020) Common Origin of the Cerebellar Dual Somatotopic Areas Revealed by Tracking Embryonic Purkinje Cell Clusters with Birthdate Tagging. eNeuro, 7(6).

Gay SM, et al. (2018) Alignment of EphA4 and ephrin-B2 expression patterns with developing modularity in the lateral cortex of the inferior colliculus. The Journal of comparative neurology, 526(16), 2706.