

# Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

## Mouse EphA4 Antibody

RRID:AB\_2099371

Type: Antibody

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### Proper Citation

R and D Systems Cat# AF641, RRID:AB\_2099371

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2099371](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

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### Ratings and Alerts

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

No alerts have been found for Mouse EphA4 Antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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.