

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 13, 2025

Anti-KCC2 Antibody

RRID:AB_10672851

Type: Antibody

Proper Citation

(Antibodies Incorporated Cat# 75-013, RRID:AB_10672851)

Antibody Information

URL: http://antibodyregistry.org/AB_10672851

Proper Citation: (Antibodies Incorporated Cat# 75-013, RRID:AB_10672851)

Target Antigen: KCC2

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC, IP, WB

Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (ND)

This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-013, RRID:AB_10672851), supernatant (Antibodies Incorporated, Cat# 73-013, RRID:AB_10697875), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N1/12, RRID:AB_2877330)

Antibody Name: Anti-KCC2 Antibody

Description: This monoclonal targets KCC2

Target Organism: rat, mouse, zebrafish, human

Clone ID: N1/12

Antibody ID: AB_10672851

Vendor: Antibodies Incorporated

Catalog Number: 75-013

Record Creation Time: 20231110T070449+0000

Record Last Update: 20241115T122408+0000

Ratings and Alerts

No rating or validation information has been found for Anti-KCC2 Antibody.

No alerts have been found for Anti-KCC2 Antibody.

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 [FDI Lab - SciCrunch.org](#).

Zhang H, et al. (2018) Uncovering a critical period of synaptic imbalance during postnatal development of the rat visual cortex: role of brain-derived neurotrophic factor. The Journal of physiology, 596(18), 4511.

Vaaga CE, et al. (2018) Expression of the potassium-chloride co-transporter, KCC2, within the avian song system. The Journal of comparative neurology, 526(6), 944.

Zechel S, et al. (2016) Thalamo-cortical axons regulate the radial dispersion of neocortical GABAergic interneurons. eLife, 5.

Gong B, et al. (2016) Developing high-quality mouse monoclonal antibodies for neuroscience research - approaches, perspectives and opportunities. New biotechnology, 33(5 Pt A), 551.

Döding A, et al. (2012) KCC2 transport activity requires the highly conserved L??? in the C-terminal ?1 strand. Biochemical and biophysical research communications, 420(3), 492.

Liu Q, et al. (2012) Postnatal development of Na(+)-K(+)-2Cl(-) co-transporter 1 and K(+)-Cl(-) co-transporter 2 immunoreactivity in multiple brain stem respiratory nuclei of the rat. Neuroscience, 210, 1.

Horn Z, et al. (2010) Premature expression of KCC2 in embryonic mice perturbs neural development by an ion transport-independent mechanism. The European journal of neuroscience, 31(12), 2142.

Lee HH, et al. (2007) Direct protein kinase C-dependent phosphorylation regulates the cell

surface stability and activity of the potassium chloride cotransporter KCC2. The Journal of biological chemistry, 282(41), 29777.