Resource Summary Report

Generated by RRID on Aug 3, 2026

Potassium Chloride Cotransporter 2 (KCC2) (Thr1007) Antibody

RRID:AB_2716769
Type: Antibody

Proper Citation

PhosphoSolutions Cat# p1551-1007, RRID:AB_2716769

Antibody Information

URL: http://antibodyregistry.org/AB_2716769

Proper Citation: PhosphoSolutions Cat# p1551-1007, RRID:AB_2716769

Target Antigen: KCC2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB
Originating Manufacturer; Immunogen: Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr1007 of mouse KCC2, Validated applications: WB, Antigen Affinity Purified from Pooled Serum; Mr 135 kDa; Reactivity positively tested: mouse,rat; based on 100% sequence homology: human, non-human primate, bovine, pig, sheep. Conway, L.C., Cardarelli, R.A., Moore, Y.E., Jones, K., McWilliams, L.J., Baker, D.J., Burnham, M.P., B??rli, R.W., Wang, Q., Brandon, N.J. and Moss, S.J., 2017. N-ethylmaleimide increases KCC2 activity by modulating transporter phosphorylation. Journal of Biological Chemistry, pp.jbc-M117.

Antibody Name: Potassium Chloride Cotransporter 2 (KCC2) (Thr1007) Antibody

Description: This polyclonal targets KCC2

Target Organism: Human, Bovine, Rat, Pig, Mouse, Sheep, Non-human Primate

Defining Citation: PMID:29092909

Antibody ID: AB_2716769

Vendor: PhosphoSolutions

Catalog Number: p1551-1007

Record Creation Time: 20250819T225206+0000

Record Last Update: 20250820T033308+0000

Ratings and Alerts

No rating or validation information has been found for Potassium Chloride Cotransporter 2 (KCC2) (Thr1007) Antibody.

No alerts have been found for Potassium Chloride Cotransporter 2 (KCC2) (Thr1007) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Cho N, et al. (2024) The brain-specific kinase LMTK3 regulates neuronal excitability by decreasing KCC2-dependent neuronal Cl- extrusion. iScience, 27(4), 109512.

Boyd-Shiwarski CR, et al. (2022) WNK kinases sense molecular crowding and rescue cell volume via phase separation. Cell, 185(24), 4488.