

Goat anti-KCC3 / SLC12A6, Biotinylated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4420a

Specification

Goat anti-KCC3 / SLC12A6, Biotinylated Antibody - Product Information

Application	WB, IHC, Pep-ELISA
Primary Accession	O9UHW9
Other Accession	NP_598408.1 , NP_005126.1 , NP_001035959.1 , NP_001035961.1 , NP_001035962.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	127617

Goat anti-KCC3 / SLC12A6, Biotinylated Antibody - Additional Information

Gene ID 9990

Other Names

SLC12A6; solute carrier family 12 (potassium/chloride transporter), member 6; ACCPN; KCC3; KCC3A; KCC3B; K-Cl cotransporter 3; electroneutral potassium-chloride cotransporter 3; potassium chloride cotransporter 3; potassium chloride cotransporter KCC3a-S3

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

This antibody is expected to recognise all reported isoforms (NP_598408.1; NP_005126.1; NP_001035959.1; NP_001035961.1; NP_001035962.1); Reported variants represent identical protein: NP_001035959.1; NP_001035960.1

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-KCC3 / SLC12A6, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-KCC3 / SLC12A6, Biotinylated Antibody - Protein Information

Name SLC12A6 ([HGNC:10914](#))

Function

[Isoform 1]: Mediates electroneutral potassium-chloride cotransport when activated by cell

swelling (PubMed: [10600773](http://www.uniprot.org/citations/10600773), PubMed: [11551954](http://www.uniprot.org/citations/11551954), PubMed: [16048901](http://www.uniprot.org/citations/16048901), PubMed: [18566107](http://www.uniprot.org/citations/18566107), PubMed: [19665974](http://www.uniprot.org/citations/19665974), PubMed: [21628467](http://www.uniprot.org/citations/21628467), PubMed: [27485015](http://www.uniprot.org/citations/27485015)). May contribute to cell volume homeostasis in single cells (PubMed: [16048901](http://www.uniprot.org/citations/16048901), PubMed: [27485015](http://www.uniprot.org/citations/27485015)).

Cellular Location

Cell membrane; Multi-pass membrane protein. Basolateral cell membrane {ECO:0000250|UniProtKB:Q924N4}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q924N4}

Tissue Location

Expressed in brain (at protein level) (PubMed:21628467). Highly expressed in heart, brain and kidney Detected at lower levels in skeletal muscle, placenta, lung and pancreas (PubMed:10600773). Detected in umbilical vein endothelial cells (PubMed:16048901). [Isoform 5]: Testis specific.

Goat anti-KCC3 / SLC12A6, Biotinylated Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-KCC3 / SLC12A6, Biotinylated Antibody - Images