



KCC4 Antibody

CATALOG NUMBER: 45-794

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS: ELISA

APPLICATIONS: ELISA: antibody detection limit dilution 1:2000. Western Blot: Preliminary experiments in Human Heart and Kidney lysates gave no specific signal but low background (at antibody concentration up to 1ug/ml). We would appreciate any feedback from people in the field - have any results been reported with o

IMMUNOGEN: KCC4 antibody was raised against a 12 amino acid synthetic peptide near the internal region of KCC4.

HOST SPECIES: Goat

Properties

PURIFICATION: KCC4 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

PHYSICAL STATE: Liquid

BUFFER: KCC4 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

CONCENTRATION: 500 ug/mL

STORAGE CONDITIONS: Aliquot and store at -20°C. Minimize freezing and thawing.

CLONALITY: Polyclonal

CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: SLC12A7, solute carrier family 12 (potassium/chloride transporters), member 7, DKFZP434F076, KCC4, potassium/chloride transporter KCC4

ACCESSION NO.: NP_006589.2

PROTEIN GI NO.: 123701900

OFFICIAL SYMBOL: SLC12A7

GENE ID: 10723

Background

REFERENCES: 1) Simard CF, Bergeron MJ, Frenette-Cotton R, Carpentier GA, Pelchat ME, Caron L, Isenring P. Homooligomeric and heterooligomeric associations between K⁺-Cl⁻ cotransporter isoforms and between K⁺-Cl⁻ and Na⁺-K⁺-Cl⁻ cotransporters. J Biol Chem. 2007 Jun 22;282(25):18083-93. Epub 2007 Apr 26.

FOR RESEARCH USE ONLY

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