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Research Use Only. Not for diagnostic or therapeutic use.

EB08090-B - Goat Anti-KCC3 / SLC12A6, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal 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, potassium-chloride transporter-3a, potassium-chloride transporter-3b, solute carrier family 12 (potassium/chloride transporters), member 6, DKFZP434D2135

Official Symbol: SLC12A6

Accession Number(s): NP_598408.1; NP_005126.1; NP_001035959.1;

NP_001035961.1; NP_001035962.1

Human GenelD(s): 9990

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

Immunogen

Peptide with sequence SRHIDVCSKTKE., from the internal region of the protein sequence according to NP_598408.1; NP_005126.1; NP_001035959.1; NP_001035961.1; NP_001035962.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 120kDa band observed in Human Heart lysates (calculated MW ranging 121-128kDakDa according to NP_598408.1; NP_005126.1; NP_001035959.1; NP_001035960.1; NP_001035961.1; NP_001035962.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

Biotinylated EB08090 (0.1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.