



Goat anti-KCC3 / SLC12A6, Biotinylated Antibody

Item Number	dAP-3389
Target Molecule	Principle Name: KCC3 / SLC12A6, Biotinylated; Official Symbol: SLC12A6; All Names and Symbols: 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; Accession Number (s): NP_598408.1; NP_005126.1; NP_001035959.1; NP_001035961.1; NP_001035962.1; Human Gene ID(s): 9990; Non-
Immunogen	SRHIDVCSKTKE., is from internal region 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:
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 120kDa band observed in Human Heart lysates (calculated MW ranging 121-128kDa 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
IHC	
Reference	Reference(s): 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. The Journal of biological chemistry 2007 Jun 282 (25): 18083-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**