



## UK Office

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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 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

### 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

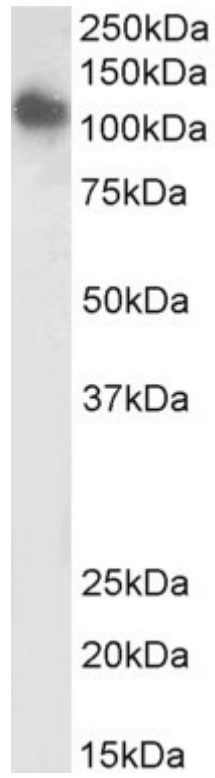
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 120kDa band observed in Human Heart lysates (calculated MW ranging 121-128kDa 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 for further QC data. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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.