



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08089 - Goat Anti-KCC4 / SLC12A7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SLC12A7, solute carrier family 12 (potassium/chloride transporters), member 7, DKFZP434F076, KCC4, potassium/chloride transporter KCC4

**Official Symbol:** SLC12A7

**Accession Number(s):** NP\_006589.2

**Human GeneID(s):** [10723](#)

**Non-Human GeneID(s):** 20499 (mouse)

### Immunogen

Peptide with sequence C-QLIHDRNTASHT, from the internal region of the protein sequence according to NP\_006589.2.

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 1:2000.

**Western blot:** Preliminary experiments in Human Heart and Kidney lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat