

## Product datasheet for **TA303291**

### SLC12A4 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:4,000. WB: 0.3-1 µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-DPSHAPDNFRE, from the internal region of the protein sequence according to NP_005063.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	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.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	solute carrier family 12 member 4
Database Link:	<a href="#">NP_005063</a> <a href="#">Entrez Gene 20498 Mouse</a> <a href="#">Entrez Gene 29501 Rat</a> <a href="#">Entrez Gene 479679 Dog</a> <a href="#">Entrez Gene 6560 Human</a> <a href="#">Q9UP95</a>
Background:	Mediates electroneutral potassium-chloride cotransport when activated by cell swelling. May contribute to cell volume homeostasis in single cells. May be involved in the regulation of basolateral Cl(-) exit in NaCl absorbing epithelia (By similarity). Isoform 4 has no transport activity



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Synonyms: CTC-479C5.17; hKCC1; KCC1

Protein Families: Transmembrane

### Product images:



TA303291 (0.3ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.