

## Goat KCC3/SLC12A6 Polyclonal Antibody | anti-SLC12A6 antibody

Goat anti-KCC3/SLC12A6 Antibody

| CATALOG # | HOST | REACTIVITY                                              | APPLICATIONS                              |
|-----------|------|---------------------------------------------------------|-------------------------------------------|
| AAA61024  | Goat | Tested: Human; Expected from sequence similarity: Human | Immunohistochemistry, Western Blot, ELISA |

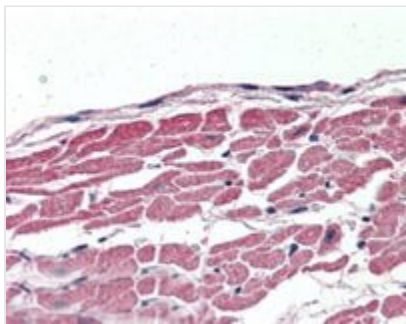
### PRODUCT SYNONYMS

KCC3/SLC12A6; Polyclonal Antibody; Goat anti-KCC3/SLC12A6 Antibody; SLC12A6; KCC3; solute carrier family 12 (potassium/chloride transporters); member 6; ACCPN; DKFZP434D2135; KCC3A; KCC3B; agenesis of corpus callosum and peripheral neuropathy (Andermann syndrome); potassium chloride cotransporter 3; potassium chloride c; SLC12A6 antibody; KCC3 antibody; member 6 antibody; ACCPN antibody; DKFZP434D2135 antibody; KCC3A antibody; KCC3B antibody; agenesis of corpus callosum and peripheral neuropathy (Andermann syndrome) antibody; potassium chloride cotransporter 3 antibody; potassium chloride c antibody; KCC3 / SLC12A6; anti-SLC12A6 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                             |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Goat                                                                                                                                                                                        |
| Reactivity                                        | Tested: Human; Expected from sequence similarity: Human                                                                                                                                     |
| Clonality                                         | Polyclonal                                                                                                                                                                                  |
| Purity/Purification                               | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                       |
| Form/Format                                       | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                                             |
| Concentration                                     | 100ug specific antibody in 200ul (varies by lot)                                                                                                                                            |
| Sequence                                          | SRHIDVCSKT KE                                                                                                                                                                               |
| Sequence Length                                   | 1091                                                                                                                                                                                        |
| Applicable Applications for anti-SLC12A6 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                                                                                                        |
| Immunogen                                         | Peptide with sequence SRHIDVCSKTKE, from the internal region of the protein sequence according to NP_001035959.1; NP_001035960.1; NP_001035961.1; NP_001035962.1; NP_005126.1; NP_598408.1. |
| Epitope                                           | Internal region                                                                                                                                                                             |
| Note                                              | This antibody is expected to recognise all 6 reported isoforms (NP_598408.1; NP_005126.1; NP_001035959.1; NP_001035960.1; NP_001035961.1; NP_001035962.1.);                                 |
| Preparation and Storage                           | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                                                                           |

IMAGES



**IHC (Immunohistochemistry)**  
2.5ug/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



**WB (Western Blot)**  
0.1ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| NCBI GI #                        | 110224452                                                                                |
| NCBI GeneID                      | 9990                                                                                     |
| NCBI Accession #                 | NP_001035959.1; NP_001035960.1; NP_001035961.1; NP_001035962.1; NP_005126.1; NP_598408.1 |
| NCBI GenBank Nucleotide #        | NM_001042494.1                                                                           |
| Molecular Weight                 | 120,467 Da                                                                               |
| NCBI Official Full Name          | solute carrier family 12 member 6 isoform c                                              |
| NCBI Official Synonym Full Names | solute carrier family 12 member 6                                                        |
| NCBI Official Symbol             | SLC12A6                                                                                  |
| NCBI Official Synonym Symbols    | KCC3; ACCPN; KCC3A; KCC3B                                                                |
| NCBI Protein Information         | solute carrier family 12 member 6                                                        |
| UniProt Protein Name             | Solute carrier family 12 member 6                                                        |
| UniProt Gene Name                | SLC12A6                                                                                  |
| UniProt Synonym Gene Names       | KCC3                                                                                     |
| UniProt Entry Name               | S12A6_HUMAN                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.