

## Rabbit SLC12A4 Polyclonal Antibody | anti-SLC12A4 antibody

SLC12A4 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA169719</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

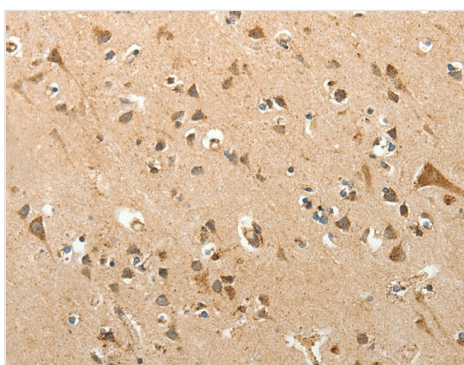
### PRODUCT SYNONYMS

SLC12A4; Polyclonal Antibody; SLC12A4 Polyclonal Antibody; KCC1; anti-SLC12A4 antibody

### PRODUCT SPECIFICATIONS

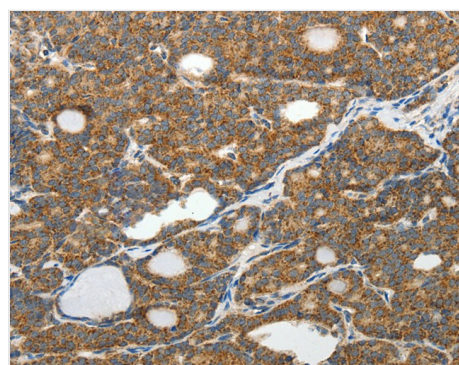
|                                                   |                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                    |
| Reactivity                                        | Human, Mouse, Rat                                                                         |
| Clonality                                         | Polyclonal                                                                                |
| Isotype                                           | IgG                                                                                       |
| Purity/Purification                               | Antigen affinity purification                                                             |
| Concentration                                     | 1.1mg/mL (varies by lot)                                                                  |
| Sequence Length                                   | 1054                                                                                      |
| Applicable Applications for anti-SLC12A4 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                         | Recombinant protein of human SLC12A4                                                      |
| Buffer                                            | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                           | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using SLC12A4 Polyclonal Antibody at dilution 1:30



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using SLC12A4 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SLC12A4 antibody | This gene encodes a member of the SLC12A transporter family. The encoded protein mediates the coupled movement of potassium and chloride ions across the plasma membrane. This gene is expressed ubiquitously. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. 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. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 225579067                                                                                                                                                                                                                                           |
| NCBI GeneID                      | 6560                                                                                                                                                                                                                                                |
| NCBI Accession #                 | NP_001139436.1                                                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_001145964.1                                                                                                                                                                                                                                      |
| Molecular Weight                 | 119,745 Da                                                                                                                                                                                                                                          |
| NCBI Official Full Name          | solute carrier family 12 member 4 isoform e                                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | solute carrier family 12 (potassium/chloride transporter), member 4                                                                                                                                                                                 |
| NCBI Official Symbol             | SLC12A4                                                                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | KCC1                                                                                                                                                                                                                                                |
| NCBI Protein Information         | solute carrier family 12 member 4; CTC-479C5.17; electroneutral potassium-chloride cotransporter 1; erythroid K-Cl cotransporter 1; hKCC1; potassium/chloride cotransporter 1; solute carrier family 12 (potassium/chloride transporters), member 4 |
| UniProt Protein Name             | Solute carrier family 12 member 4                                                                                                                                                                                                                   |
| UniProt Gene Name                | SLC12A4                                                                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | KCC1; hKCC1                                                                                                                                                                                                                                         |
| UniProt Entry Name               | S12A4_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc12a4-antibody-immunohistochemistry-elisa/169719>