

## SLC12A7 Polyclonal Antibody

**Catalog No.** E-AB-18163

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

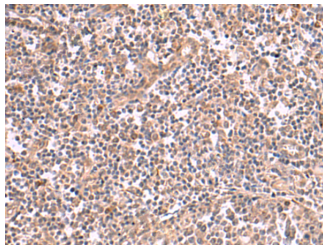
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Synthetic peptide of human SLC12A7
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

### Applications Recommended Dilution

<b>IHC</b>	1:50-1:300
------------	------------

### Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using SLC12A7 Polyclonal Antibody at dilution of 1:50(×200)

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

Mediates electroneutral potassium-chloride cotransport when activated by cell swelling. May mediate K<sup>+</sup>uptake into Deiters' cells in the cochlea and contribute to K<sup>+</sup>recycling in the inner ear. Important for the survival of cochlear outer and inner hair cells and the maintenance of the organ of Corti. May be required for basolateral Cl<sup>-</sup>extrusion in the kidney and contribute to renal acidification (By similarity).

### For Research Use Only