

## SLC12A7 RABBIT PAB

**Cat.#:** S222278

**Product Name:** Anti-SLC12A7 Rabbit Polyclonal Antibody

**Synonyms:** KCC4

**UNIPROT ID:** Q9Y666 (Gene Accession - NP\_006589)

**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).

**Immunogen:** Synthetic peptide of human SLC12A7

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

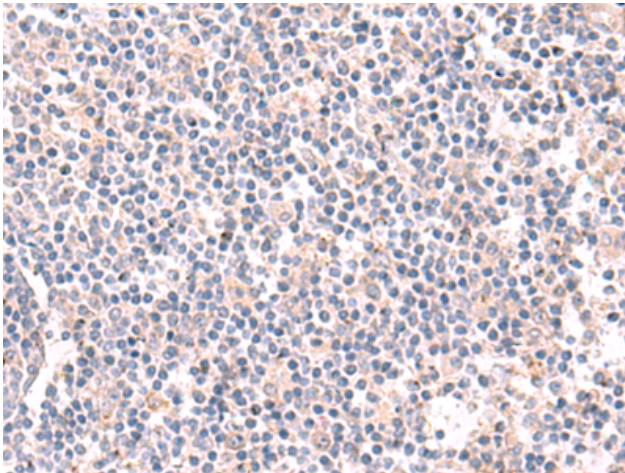
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

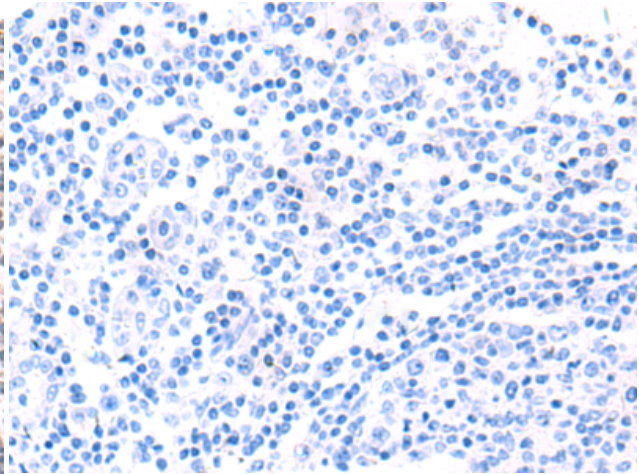
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

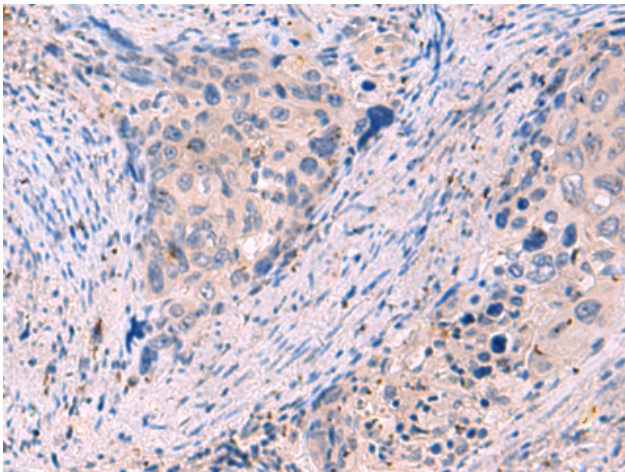
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



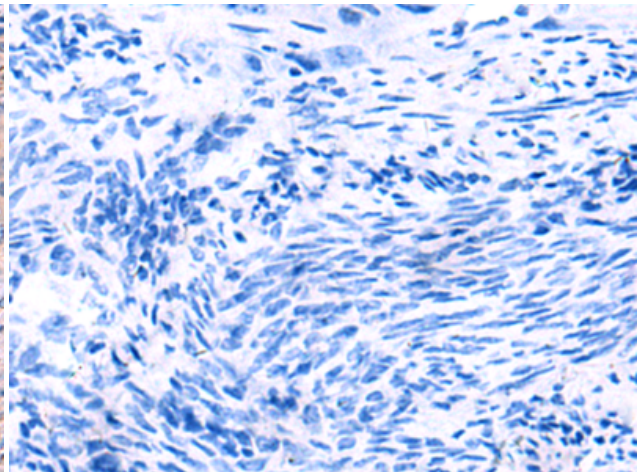
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 222278(SLC12A7 Antibody) at a dilution of 1/35(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 222278(Anti-SLC12A7 Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 222278(Anti-SLC12A7 Antibody) at a dilution of 1/35.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with synthetic peptide and then with D264322(Anti-SLC12A7 Antibody) at dilution 1/35.