

## SLC4A7 RABBIT PAB

**Cat.#:** S213733

**Product Name:** Anti-SLC4A7 Rabbit Polyclonal Antibody

**Synonyms:** NBC2, NBC3, SBC2, NBCN1, SLC4A6

**UNIPROT ID:** Q9Y6M7 (Gene Accession - NP\_003606 )

**Background:** This locus encodes a sodium bicarbonate cotransporter. The encoded transmembrane protein appears to transport sodium and bicarbonate ions in a 1:1 ratio, and is thus considered an electroneutral cotransporter. The encoded protein likely plays a critical role in regulation of intracellular pH involved in visual and auditory sensory transmission. Alternatively spliced transcript variants encoding distinct isoforms have been described.

**Immunogen:** Synthetic peptide of human SLC4A7

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50–200; ELISA: 2000–10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

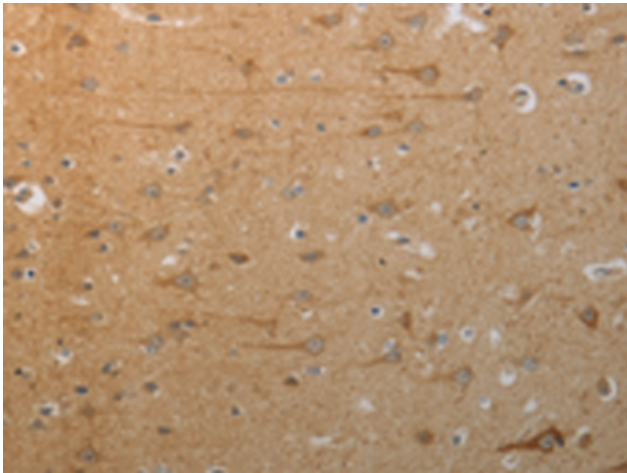
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

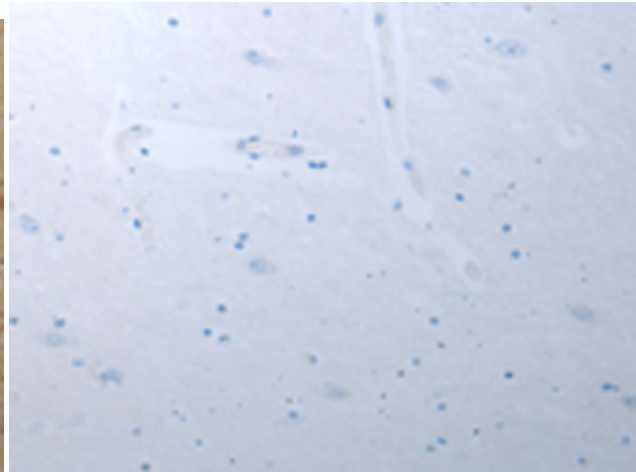
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

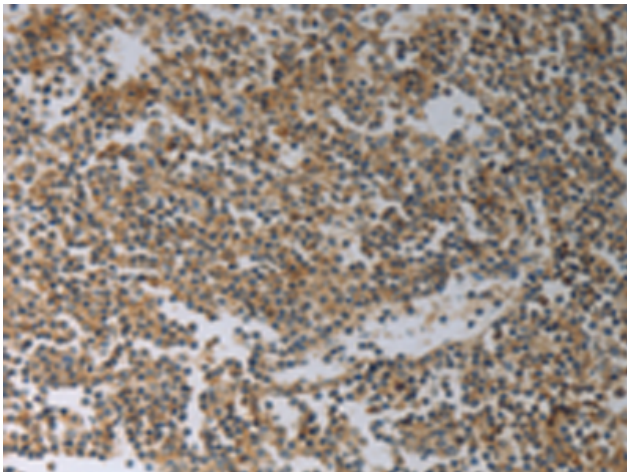
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



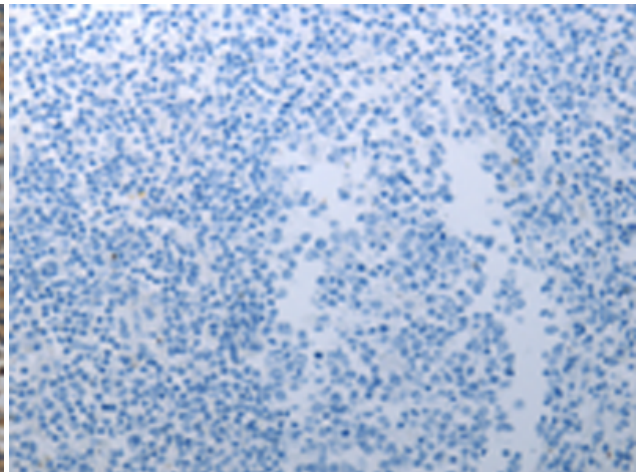
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 213733(SLC4A7 Antibody) at a dilution of 1/50(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 213733(Anti-SLC4A7 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 213733(Anti-SLC4A7 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with synthetic peptide and then with D160736(Anti-SLC4A7 Antibody) at dilution 1/50.