

**Anti-Human/Mouse/Rat SLC9A8 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05284**

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3th Edition

**Description:** Sodium-hydrogen exchangers (NHEs), such as SLC9A8, are integral transmembrane proteins that exchange extracellular Na<sup>+</sup> for intracellular H<sup>+</sup>. NHEs have multiple functions, including intracellular pH homeostasis, cell volume regulation, and electroneutral NaCl absorption in epithelia. SLC9A8 (Solute Carrier Family 9 Member A8) is a Protein Coding gene. Diseases associated with SLC9A8 include Proximal Renal Tubular Acidosis. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds. GO annotations related to this gene include solute:proton antiporter activity and potassium:proton antiporter activity. An important paralog of this gene is SLC9A6.

**Antigen:** Synthesized peptide derived from the C-terminal region of human NHE-8

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Ubiquitous. Strongly expressed in skeletal muscle and kidney.