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Product datasheet for AP05295SU-N

SLC9A6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot (1-5 µg/ml). *Positive Control:* Ubiquitous, most abundant in mitochondrion-rich tissues such as brain, skeletal muscle and heart.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from Human NHE6 protein
Specificity:	This antibody detects Sodium-Hydrogen Exchanger 6 (NHE6), most abundant in mitochondrion-rich tissues such as brain, skeletal muscle and heart.
Formulation:	Phosphate buffered saline with 0.08% Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the product (in aliquots) at -20°C. Can be shipped at 2-8°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	solute carrier family 9 member A6
Database Link:	Entrez Gene 10479 Human Q92581

View online »

Background: Electroneutral exchange of protons for Na(+) and K(+) across the mitochondrial inner membrane. Contributes to organellar volume and calcium homeostasis.
SLC9A6 is a monovalent sodium-selective sodium/hydrogen exchanger (NHE) that is found in the membranes of intracellular organelles such as mitochondria and endosomes. NHEs participate in a wide array of essential cellular processes, including control of intracellular pH, maintenance of cellular volume, and reabsorption of sodium across renal, intestinal, and other epithelia.

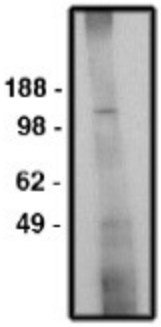
Synonyms: NHE-6, Sodium/hydrogen exchanger 6, KIAA0267

Note: Predicted Molecular Weight: 74 kDa

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cardiac muscle contraction

Product images:



Western blot using NHE6 antibody on human brain lysate (15 ug/lane). Antibody used at 10 ug/ml. Secondary antibody, mouse anti-rabbit, used at 1:150K dilution.