



# Anti-SLC9A6 (N-terminal) polyclonal antibody (CPBT-57754RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Polyclonal antibody to Human SLC9A6.
<b>Antigen Description</b>	This gene encodes a sodium-hydrogen exchanger that is a member of the solute carrier family 9. The encoded protein localizes to early and recycling endosomes and may be involved in regulating endosomal pH and volume. Defects in this gene are associated with X-linked syndromic mental retardation, Christianson type. Alternate splicing results in multiple transcript variants.
<b>Immunogen</b>	A synthetic peptide from the N terminal region of Human SLC9A6 conjugated to an immunogenic carrier protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Purification</b>	Whole antiserum
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, IHC-Fr
<b>Cellular Localization</b>	Mitochondrion membrane; Multi pass membrane protein.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Preservative: None Constituents: Whole serum

<b>Preservative</b>	None
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SLC9A6 solute carrier family 9 (sodium/hydrogen exchanger), member 6 [ Homo sapiens ]</a>
<b>Official Symbol</b>	SLC9A6
<b>Synonyms</b>	SLC9A6; solute carrier family 9 (sodium/hydrogen exchanger), member 6; solute carrier family 9 (sodium/hydrogen exchanger), isoform 6; sodium/hydrogen exchanger 6; KIAA0267; NHE6; 3732426M05; 6430520C02Rik; mKIAA0267; MRSA; NHE6; RP23-105E2.4; KIAA0267; Na(+)/H(+) exchanger 6; OTTHUMP00000024089; OTTHUMP00000024090; RGD1563582; RP11-274K13.1; Solute carrier family 9 (sodium/hydrogen exchanger), isoform 6; Solute carrier family 9 (sodium/hydrogen exchanger), member 6; Na(+)/H(+) exchanger 6; MRSA;
<b>Entrez Gene ID</b>	<a href="#">10479</a>
<b>Protein Refseq</b>	<a href="#">NP_001171122</a>
<b>UniProt ID</b>	<a href="#">Q92581</a>
<b>Chromosome Location</b>	Xq26.3
<b>Pathway</b>	Cardiac muscle contraction, organism-specific biosystem; Cardiac muscle contraction, conserved biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Sodium/Proton exchangers, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific biosystem;
<b>Function</b>	antiporter activity; sodium:hydrogen antiporter activity; solute:hydrogen antiporter activity;