

Rabbit SLC9A8 Polyclonal Antibody | anti-SLC9A8 antibody

SLC9A8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325166	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

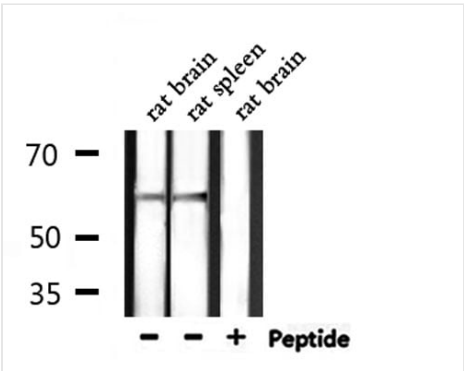
PRODUCT SYNONYMS

SLC9A8; Polyclonal Antibody; SLC9A8 Antibody; Na(+)/H(+) exchanger 8; NHE 8; NHE-8; NHE8; SL9A8_HUMAN; Slc9a8; Sodium/hydrogen exchanger 8; solute carrier family 9 (sodium/hydrogen exchanger); member 8; Solute carrier family 9 member 8; anti-SLC9A8 antibody

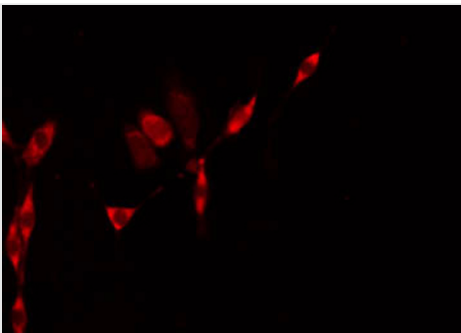
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC9A8 antibody detects endogenous levels of total SLC9A8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	597
Applicable Applications for anti-SLC9A8 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Golgi Apparatus Membrane.
Tissue Specificity	Ubiquitous. Strongly expressed in skeletal muscle and kidney.
Predicted Cross Reactivity	Pig, Horse, Dog, Chicken
Similarity	Pig (82%), Horse (82%), Dog (91%), Chicken (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

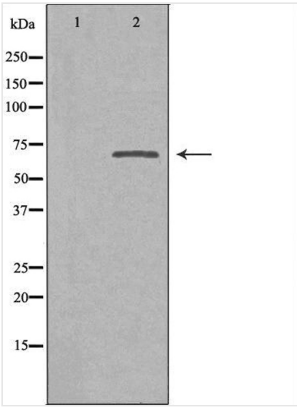
IMAGES



WB (Western Blot)
Western blot analysis of extracts from rat brain, rat spleen, using SLC9A8 Antibody.



IF (Immunofluorescence)
AAA325166 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using SLC9A8 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC9A8 antibody	Function: Involved in pH regulation to eliminate acids generated by active metabolism or to counter adverse environmental conditions. Major proton extruding system driven by the inward sodium ion chemical gradient. Plays an important role in signal transduction. Similarity: Belongs to the monovalent cation:proton antiporter 1 (CPA1) transporter (TC 2.A.36) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386781486
NCBI GeneID	23315
NCBI Accession #	NP_001247420.1
NCBI GenBank Nucleotide #	NM_001260491.1
UniProt Accession #	Q9Y2E8; Q2M1U9; Q68CZ8; Q9BX15; Q9Y507; B4DTQ8
Molecular Weight	Observed: 65 kD Predicted: 66 kDa
NCBI Official Full Name	sodium/hydrogen exchanger 8 isoform 1
NCBI Official Synonym Full Names	solute carrier family 9 member A8
NCBI Official Symbol	SLC9A8

NCBI Official Synonym Symbols	NHE8; NHE-8
NCBI Protein Information	sodium/hydrogen exchanger 8
UniProt Protein Name	Sodium/hydrogen exchanger 8
UniProt Gene Name	SLC9A8
UniProt Synonym Gene Names	KIAA0939; NHE8; NHE-8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc9a8-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325166>