

Product Name: NHE-8 Rabbit Polyclonal Antibody
Catalog #: APRab14687



Summary

Production Name	NHE-8 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SLC9A8
Alternative Names	SLC9A8; KIAA0939; NHE8; Sodium/hydrogen exchanger 8; Na(+)/H(+) exchanger 8; NHE-8; Solute carrier family 9 member 8
Gene ID	23315.0
SwissProt ID	Q9Y2E8.The antiserum was produced against synthesized peptide derived from human SLC9A8. AA range:451-500

Application

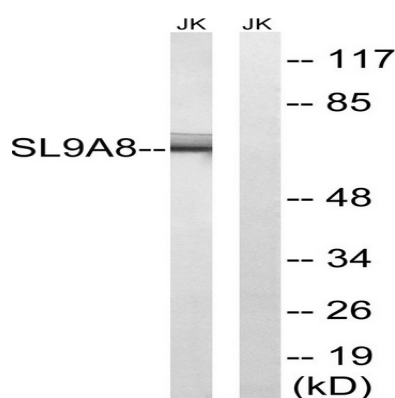
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000..
Molecular Weight	65kD

Background

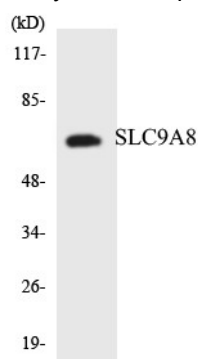
Sodium-hydrogen exchangers (NHEs), such as SLC9A8, are integral transmembrane proteins that exchange extracellular Na⁺ for intracellular H⁺. NHEs have multiple functions, including intracellular pH homeostasis, cell volume regulation, and electroneutral NaCl absorption in epithelia (Xu et al., 2008 [PubMed 18209477]). [supplied by OMIM, Apr 2009], 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., tissue specificity: Ubiquitous. Strongly expressed in skeletal muscle and kidney.,

Research Area

Image Data

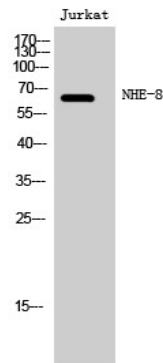


Western blot analysis of lysates from Jurkat cells, using SLC9A8 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using SLC9A8 antibody.

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Western Blot analysis of Jurkat cells using NHE-8 Polyclonal Antibody

Note

For research use only.