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Datasheet for ABIN7469011  
**anti-NHE8 antibody**

### Overview

Quantity:	100 µL
Target:	NHE8 (SLC9A8)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SLC9A8. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	NHE8 (SLC9A8)
Alternative Name:	solute carrier family 9 member A8 ( <a href="#">SLC9A8 Products</a> )
Background:	Synonyms: solute carrier family 9 member A8 , NHE-8 , NHE8 Background: 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

## Target Details

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electroneutral NaCl absorption in epithelia (Xu et al., 2008 [PubMed 18209477]).[supplied by OMIM]

Molecular Weight: 65 kDa

Gene ID: 23315

UniProt: [Q9Y2E8](#)

Pathways: [Proton Transport](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Mouse brain

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.