

Anti-SLC9A4 Antibody Picoband®

Catalog Number: A11747-1

About SLC9A4

Predicted to enable potassium:proton antiporter activity and sodium:proton antiporter activity. Predicted to be involved in monoatomic cation transmembrane transport; regulation of intracellular pH; and transepithelial ammonium transport. Predicted to act upstream of or within gastric acid secretion and glandular epithelial cell development. Predicted to be located in basolateral plasma membrane. Predicted to be active in plasma membrane.

Submit a product review to Biocompare.com

[Submit a review of this product](#) to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Overview

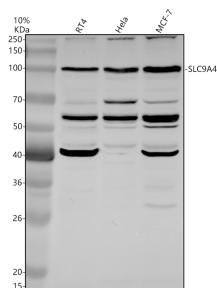
Product Name	Anti-SLC9A4 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-SLC9A4 Antibody Picoband® catalog # A11747-1. Tested in WB, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q6AI14

Technical Details

Immunogen	E.coli-derived human SLC9A4 recombinant protein (Position: R476-E735).
Form	Lyophilized

Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human ELISA, 0.1-0.5 ug/ml

Anti-SLC9A4 Antibody Picoband® (A11747-1) Images



Western blot analysis of SLC9A4 using anti-SLC9A4 antibody (A11747-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human RT4 whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human MCF-7 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SLC9A4 antigen affinity purified polyclonal antibody (A11747-1) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for SLC9A4 at approximately 100 kDa. The expected band size for SLC9A4 is at 90 kDa.

Anti-SLC9A4 Antibody

For Research Use Only. Not for use in diagnostic procedures.