

Product datasheet

Anti-Sodium / Hydrogen Exchanger 3 antibody ab95299

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Sodium / Hydrogen Exchanger 3 antibody
Description	Rabbit polyclonal to Sodium / Hydrogen Exchanger 3
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat
Immunogen	Synthetic peptide: DSFLQADGP EEQLQPASPESTM , corresponding to C terminal amino acids 809-831 of Rat Sodium/ Hydrogen Exchanger 3 (NP_036786). Run BLAST with Run BLAST with
Positive control	Rat kidney tissue lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Preservative: None Constituents: 50% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab95299** in the following tested applications.

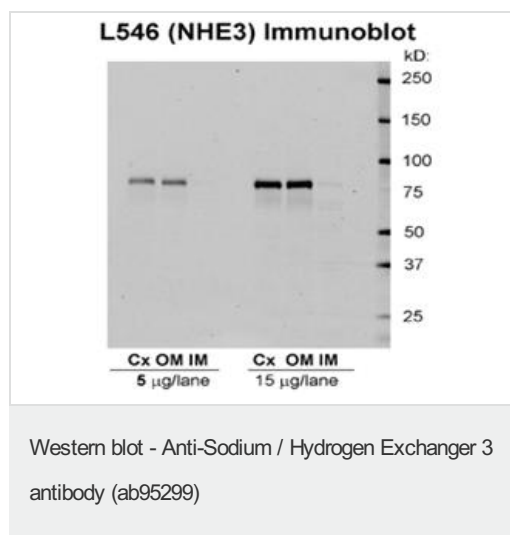
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 84 kDa (predicted molecular weight: 93 kDa).

Target

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.
Sequence similarities	Belongs to the monovalent cation:proton antiporter 1 (CPA1) transporter (TC 2.A.36) family.
Post-translational modifications	Phosphorylated by PKA, which inhibits activity.
Cellular localization	Membrane. In intestinal epithelial cells, localizes to the ileal brush border.

Images



Western blot detection of Sodium / Hydrogen Exchanger 3 in Rat kidney tissues using ab95299 at 1:1000 dilution.

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