

Product Datasheet

NHE3/SLC9A3 Antibody NBP1-46581

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-46581**NHE3/SLC9A3 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

Product Description	
Host	Rabbit
Gene ID	6550
Gene Symbol	SLC9A3
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide from amino acid region 650-700 of human NHE3/SLC9A3 conjugated to blue carrier protein was used as the antigen.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:200-1:2000, Immunohistochemistry 1:200-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:200-1:2000
Application Notes	The optimal dilution should be determined by the end user. Although not tested this antibody may be useful in Immunohistochemistry-Paraffin. ICC/IF, and IHC-FR were reported in scientific literature (PMID: 23548792).

Publications

Hu G, Xie D, Chen C et al. Renal medullary overexpression of sphingosine-1-phosphate receptor 1 transgene attenuates deoxycorticosterone acetate (DOCA)-salt hypertension American journal of hypertension 2023-05-12 [PMID: 37171128] (WB, Mouse)

Yang J, Zhao X, Patel A et al. Rapamycin Inhibition of mTOR Reduces Levels of the Na⁺/H⁺ Exchanger 3 in Intestines of Mice and Humans, Leading to Diarrhea Gastroenterology 2015-03-30 [PMID: 25836987] (WB, Mouse)

Pasham V, Rotte A, Gu S et al. Upregulation of intestinal NHE3 following saline ingestion. Kidney Blood Press Res 2013-01-01 [PMID: 23548792] (WB, IHC-Fr, ICC/IF, Mouse)

Zachos NC et al. Cell. Physiol. Biochem. 22:693-704. 2008-01-01 [PMID: 19088451]

Schmutz J et al. Nature 431:268-274. 2004-01-01 [PMID: 15372022]

Brant SR et al. Am. J. Physiol. 269:C198-C206. 1995-01-01 [PMID: 7631746]





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Products Related to NBP1-46581

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-00589PEP	NHE3/SLC9A3 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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