

Product Datasheet

NHE1/SLC9A1 Antibody - BSA Free NBP1-76847

Unit Size: 0.1 mg

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

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Publications: 3

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NBP1-76847

NHE1/SLC9A1 Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	50, 90 kDa

Product Description

Description	Novus Biologicals Rabbit NHE1/SLC9A1 Antibody - BSA Free (NBP1-76847) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-NHE1/SLC9A1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6548
Gene Symbol	SLC9A1
Species	Human, Mouse, Rat
Specificity/Sensitivity	At least three isoforms of Nhe-1 are known to exist.
Immunogen	Antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminus of the human Nhe-1. The immunogen is located within the last 50 amino acids of Nhe-1. Amino Acid Sequence: CLSDPGPHPEPGEGEPFFPK

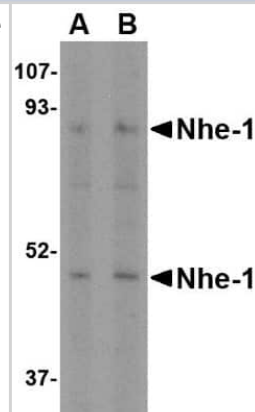
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 2-5 ug/ml

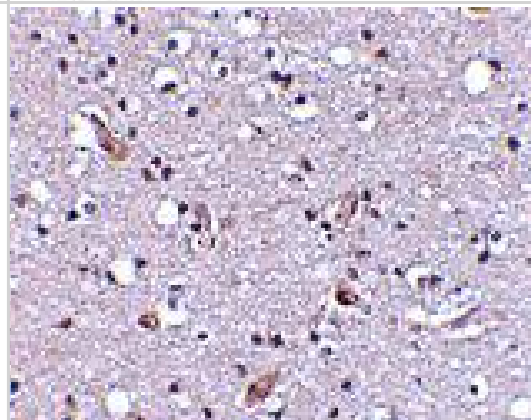


Images

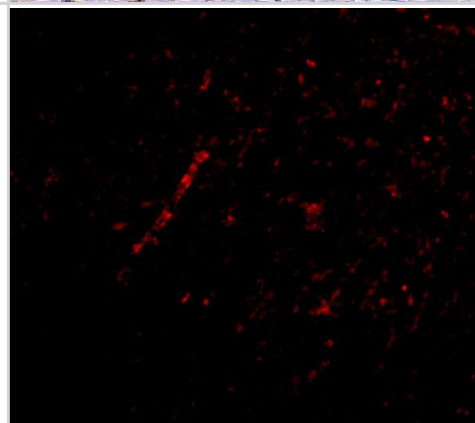
Western Blot: NHE1/SLC9A1 Antibody [NBP1-76847] - Rat kidney tissue lysate with in with Nhe-1 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry: NHE1/SLC9A1 Antibody - BSA Free [NBP1-76847] - Immunohistochemical staining of human brain tissue using NHE1/SLC9A1 antibody at 2.5 ug/mL.



Immunocytochemistry/ Immunofluorescence: NHE1/SLC9A1 Antibody - BSA Free [NBP1-76847] - Immunofluorescence of NHE1/SLC9A1 in Human Brain tissue with NHE1/SLC9A1 antibody at 20 ug/mL.



Publications

Irrera P, Roberto M, Consolino L et al. Effect of Esomeprazole Treatment on Extracellular Tumor pH in a Preclinical Model of Prostate Cancer by MRI-CEST Tumor pH Imaging Metabolites 2022-12-28 [PMID: 36676972] (WB, Human)

Anemone A, Consolino L, Conti L et al. Tumour acidosis evaluated in vivo by MRI-CEST pH imaging reveals breast cancer metastatic potential British journal of cancer 2020-12-01 [PMID: 33257841] (WB, Mouse)

Details:
Western blot analysis of TUBO cells.

Ferrauto G, Di Gregorio E, Auboiroux V et al. CEST-MRI for glioma pH quantification in mouse model: Validation by immunohistochemistry. NMR Biomed 2018-09-05 [PMID: 30256478] (IHC-P, Mouse)



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Products Related to NBP1-76847

NBP1-76847PEP	NHE1/SLC9A1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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