

# Product Datasheet

## **NHE3/SLC9A3 [p Ser552] Antibody (14D5) - Azide and BSA Free** **NBP2-80877**

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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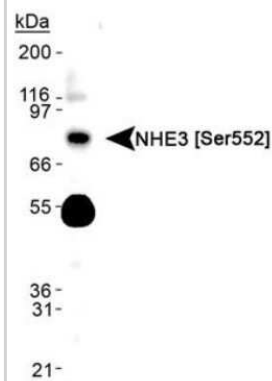
**NBP2-80877**

NHE3/SLC9A3 [p Ser552] Antibody (14D5) - Azide and BSA Free

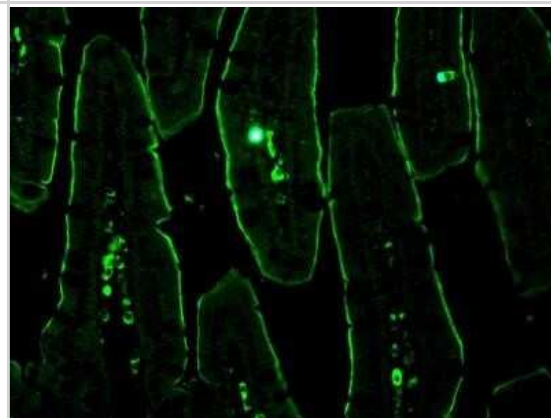
Product Information	
Unit Size	0.1 ml
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	14D5
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	Tris-Glycine, 0.15 M NaCl
Target Molecular Weight	85 kDa
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse NHE3/SLC9A3 [p Ser552] Antibody (14D5) - Azide and BSA Free (NB110-81529) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6550
Gene Symbol	SLC9A3
Species	Human, Mouse, Rat, Porcine, Opossum, Primate, Rabbit
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 29510506).
Immunogen	Synthetic peptide made to a region surrounding the Serine 552 portion of rat NHE3. [UniProt# P26433]
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1-5 ug/ml, Simple Western 1:1000, Flow Cytometry reported in scientific literature (PMID 21255452), ELISA 1:100-1:2000, Immunohistochemistry 1:50-1:1000, Immunocytochemistry/ Immunofluorescence 1:50-1:1000, Immunoprecipitation 1:10-1:500, Knockout Validated reported in scientific literature (PMID 31276916), Knockdown Validated reported in scientific literature (PMID 31276916)
Application Notes	In Western Blot, a band can be seen at approx. 85 kDa.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:1000. Separated by Size-Wes, Sally Sue/Peggy Sue.

## Images

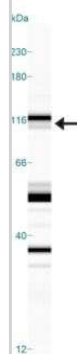
Western Blot: NHE3/SLC9A3 Antibody (14D5) - Azide and BSA Free [NBP2-80877] - Detection of NHE3 [p Ser552] in human kidney lysate. Image from the standard format of this antibody.



Immunohistochemistry: NHE3/SLC9A3 Antibody (14D5) - Azide and BSA Free [NBP2-80877] - Mouse intestine, image courtesy of verified customer review. Image from the standard format of this antibody.



Simple Western: NHE3/SLC9A3 Antibody (14D5) - Azide and BSA Free [NBP2-80877] - Simple Western lane view shows a specific band for NHE3 in 0.5 mg/ml of Hek293 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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### **Products Related to NBP2-80877**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **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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