

Product Datasheet

Amiloride-sensitive cation channel 3 Antibody NB100-2067

Unit Size: 0.05 ml

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

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NB100-2067

Amiloride-sensitive cation channel 3 Antibody

Product Information

Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.4) and 1.0% BSA

Product Description

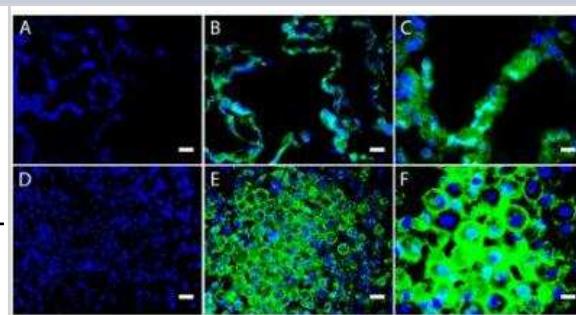
Host	Guinea Pig
Gene ID	9311
Gene Symbol	ASIC3
Species	Rat
Reactivity Notes	Reacts with Rat. Not yet tested in other species.
Specificity/Sensitivity	ASIC3
Immunogen	Synthetic peptide: TASLDPPDDFDPEPSDPLGSP, corresponding to amino acids 285-304 of extracellular domain of Rat ASIC3.

Product Application Details

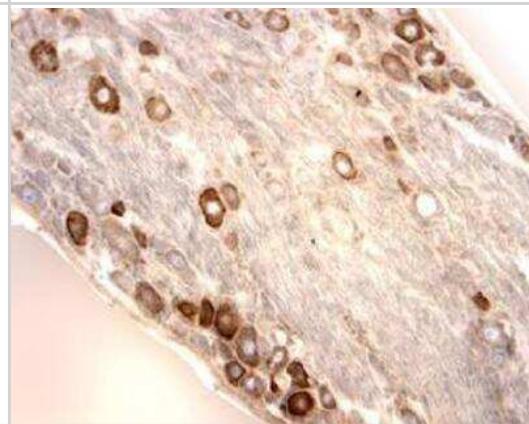
Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Frozen 1:10-1:500

Images

Immunocytochemistry/Immunofluorescence: Amiloride-sensitive cation channel 3 Antibody [NB100-2067] - ASIC3 expression in normal and CF human lung tissues by immunofluorescence microscopy. Normal (top panels A-C) and CF human lung sections (bottom panels D-F) were labeled with a specific antibody against ASIC3 (green channel) and the DNA-selective Hoechst dye (blue channel). A and D, normal and CF human lung sections imaged following incubation with the mixture of anti-ASIC3 antibody and immunopeptide. Shown are normal (B) and CF (E) alveolar structures at a small magnification. ASIC3 expression was detected in both types I and II alveolar cells. Shown are normal (C) and CF (F) alveolar structures at a large magnification. Scale bars equal 10 μ m in A, B, D, and E and 20 μ m in C and F.



Immunohistochemistry: Amiloride-sensitive cation channel 3 Antibody [NB100-2067] - ASIC3 labeling is done on cryostat sections of rat DRG using HRP-DAB detection (brown color).





Novus Biologicals USA

10730 E. Briarwood Avenue

Centennial, CO 80112

USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave

Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane

Abingdon Science Park

Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com

Technical Support: technical@novusbio.com

Orders: orders@novusbio.com

General: novus@novusbio.com

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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