

Product Datasheet

Nicastrin Antibody - BSA Free NBP1-77269

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: 1

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Updated 3/4/2026 v.20.1

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NBP1-77269

Nicastrin Antibody - BSA Free

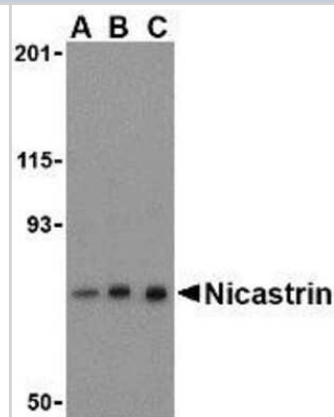
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	23385
Gene Symbol	NCSTN
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 17 amino acid synthetic peptide from near the carboxy terminus of human Nicastrin. The immunogen is located within amino acids 630 - 680 of Nicastrin. Amino Acid Sequence: TEYSTWTESRWKDIRAR

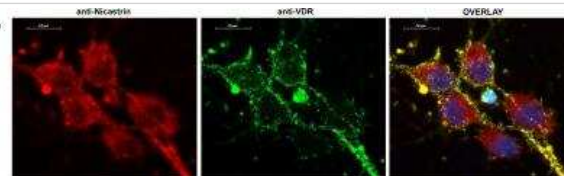
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml

Images

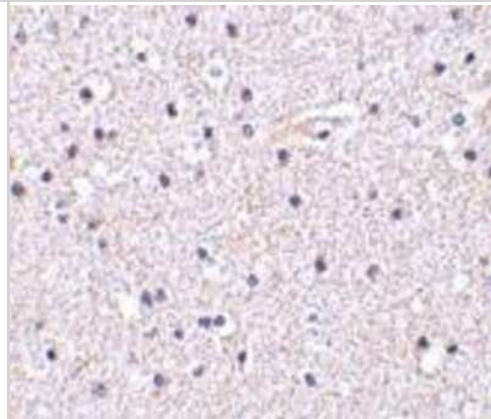
Western Blot: Nicastrin Antibody [NBP1-77269] - Mouse brain tissue lysate with Nicastrin antibody at (A) 0.5, (B) 1, and (C) 2 ug/ml.



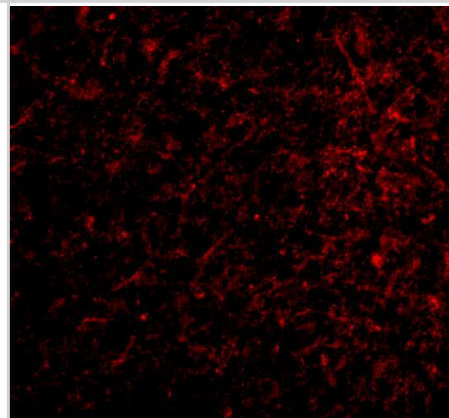
Immunocytochemistry/Immunofluorescence: Nicastrin Antibody [NBP1-77269] - Cell surface staining of VDR (green) on live neurons followed by fixation and immunofluorescence labeling of target protein (100x) Nicastrin. Overlay images indicate the possible co-localization of VDR/Nicastrin on the neuronal plasma membrane. Image collected and cropped by CiteAb from the following publication (<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0188605>) licensed under a CC-BY license.



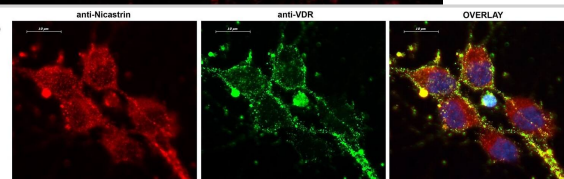
Immunohistochemistry-Paraffin: Nicastrin Antibody [NBP1-77269] - Human brain tissue with Nicastrin antibody at 5 ug/ml.



Immunocytochemistry/ Immunofluorescence: Nicastrin Antibody - BSA Free [NBP1-77269] - Immunofluorescence of Nicastrin in Human Brain cells with Nicastrin antibody at 20 ug/mL.



Cell surface staining of VDR (green) on live neurons followed by fixation and immunofluorescence labeling of target proteins (100x): A) ADAM10; B) APP; C) BACE1; D) Nicastrin; E) Presenilin 1; F) Presenilin 2. Overlay images indicate the possible co-localization of VDR/ADAM10 (A) or VDR/APP (B) or VDR/Nicastrin (D) or limited co-localization of VDR/Presenilin 1 (E) on the neuronal plasma membrane. Overlay images do not indicate co-localization for VDR/BACE1 (C) or VDR/Presenilin 2 (F) on the neuronal plasma membrane. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/29176823>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Dursun E. , Gezen-Ak D. Vitamin D receptor is present on the neuronal plasma membrane and is co-localized with amyloid precursor protein, ADAM10 or Nicastrin. PLoS One 2017-11-28 [PMID: 29176823] (ICC/IF, Rat)



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Products Related to NBP1-77269

NB820-59367	Human Brain Frontal Lobe Whole Tissue Lysate (Adult Whole Alzheimer's)
NBP1-77269PEP	Nicastrin 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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