

Product Datasheet

Presenilin-1 Antibody - BSA Free NBP1-76792

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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NBP1-76792

Presenilin-1 Antibody - BSA Free

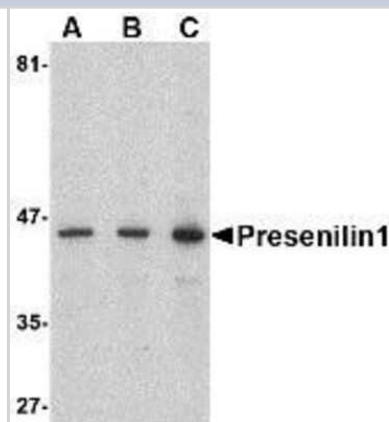
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Peptide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

| Product Description | |
|---------------------|---|
| Host | Rabbit |
| Gene ID | 5663 |
| Gene Symbol | PSEN1 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (86%) |
| Immunogen | Antibody was raised against a 23 amino acid synthetic peptide from near the carboxy terminus of human presenilin1. The immunogen is located within amino acids 330 - 380 of Presenilin1. Amino Acid Sequence: SEEWEAQRDShLGPHRSTPESRA |

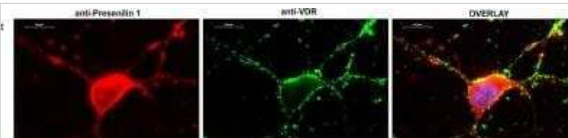
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.5-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/ml |

Images

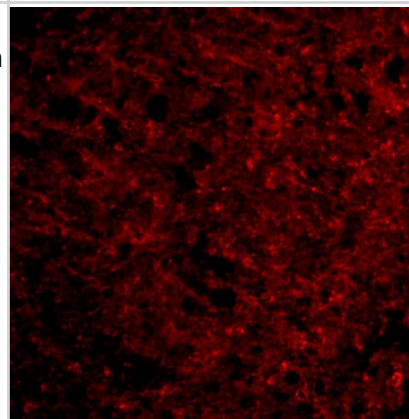
Western Blot: Presenilin-1 Antibody [NBP1-76792] - Human brain lysate with presenilin1 antibody at (A) 0.5, (B) 1, and (C) 2 ug/ml.



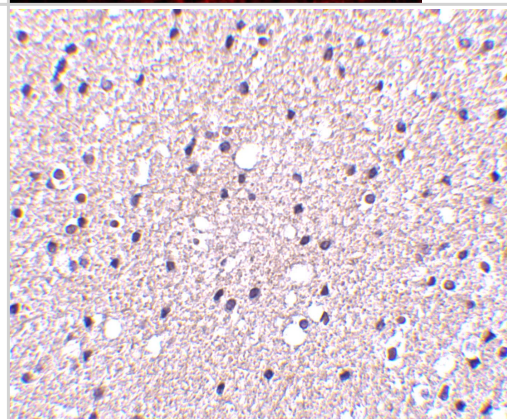
Immunocytochemistry/Immunofluorescence: Presenilin-1 Antibody [NBP1-76792] - Cell surface staining of VDR (green) on live neurons followed by fixation and immunofluorescence labeling of target protein (100x) Presenilin-1. Overlay images indicate the possible co-localization of limited co-localization of VDR/ Presenilin-1 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.



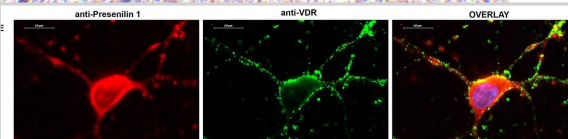
Immunocytochemistry/ Immunofluorescence: Presenilin-1 Antibody - BSA Free [NBP1-76792] - Immunofluorescence of Presenilin-1 in Human Brain cells with Presenilin-1 antibody at 20 ug/mL.



Immunohistochemistry: Presenilin-1 Antibody - BSA Free [NBP1-76792] - Immunohistochemistry of Presenilin-1 in human brain tissue with Presenilin-1 antibody at 2.5 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)



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Products Related to NBP1-76792

| | |
|---------------|--|
| NB820-60574 | Human Brain Cerebral Cortex Membrane Tissue Lysate (Adult Membrane Normal) |
| NBP1-76792PEP | Presenilin-1 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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