

Product Datasheet

Amyloid Fibrils Antibody - BSA Free NBP1-97929

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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NBP1-97929

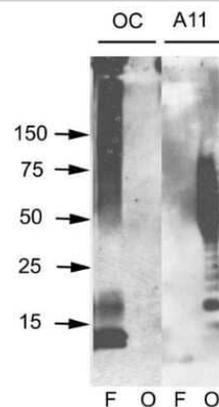
Amyloid Fibrils Antibody - BSA Free

Product Information	
Unit Size	0.1 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	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 50% Glycerol
Product Description	
Host	Rabbit
Species	Human
Specificity/Sensitivity	Recognizes generic epitopes common to many amyloid fibrils and fibrillar oligomers, but not prefibrillar oligomers or natively folded proteins. Expected to detect in Mouse and Rat based on species homology.
Immunogen	Fibrils prepared from human amyloid beta 42 peptide
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Dot Blot 1:1000
Application Notes	A 1:1000 dilution of Amyloid Fibrils (OC) Antibody was sufficient for detection of amyloid fibrils on PVDF membranes using transferred fibrils by colorimetric dot blot analysis using Goat anti-rabbit IgG:HRP as the secondary Antibody.

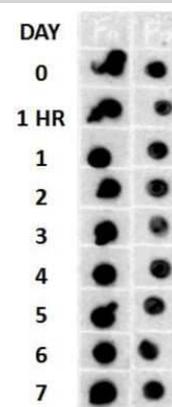


Images

Western Blot: Amyloid Fibrils Antibody [NBP1-97929] - Western blot analysis of Human Abeta42 fibrils and prefibrillar oligomers showing detection of Amyloid Fibrils Fibrils (OC) protein using Rabbit Anti-Amyloid Fibrils Fibrils (OC) Polyclonal Antibody (NBP1-97929). Primary Antibody: Rabbit Anti-Amyloid Fibrils Fibrils (OC) Polyclonal Antibody (NBP1-97929) at 1:1000. Courtesy of: Kaye, R., Head, E., Thompson, J. L., McIntire, T. M., Milton, S. C., Cotman, C. W., et al. (2003). Common structure of soluble amyloid oligomers implies common mechanism of pathogenesis. *Science* 300, 486-489. doi: 10.1126/science.1079469.



Dot Blot: Amyloid Fibrils Antibody [NBP1-97929] - Dot blot analysis using Rabbit Anti-Amyloid Fibrils Fibrils (OC) Polyclonal Antibody (NBP1-97929). Tissue: Cell lysates. Species: Human. Primary Antibody: Rabbit Anti-Amyloid Fibrils Fibrils (OC) Polyclonal Antibody (NBP1-97929) at 1:500, 1:5000. Beta Amyloid Fibrils HEPES-NaCl aggregation, showing 1:500 (L) and 1:5000 (R) time lapse dot blot.



Publications

Levites Y, Dammer EB, Ran Y et Al. Integrative proteomics identifies a conserved A β amyloid response, novel plaque proteins, and pathology modifiers in Alzheimer's disease *Cell Rep Med* 2024-08-09 [PMID: 39127040]

Wei Z, Li D, Shi J Alterations of Spatial Memory and Gut Microbiota Composition in Alzheimer's Disease Triple-Transgenic Mice at 3, 6, and 9 Months of Age *American journal of Alzheimer's disease and other dementias* 2023-05-11 [PMID: 37169734] (IHC-P, Mouse)

Details:
Dilutions: 1:500

Hurst C, Pugh DA, Abreha MH et al. Integrated Proteomics to Understand the Role of Neuritin (NRN1) as a Mediator of Cognitive Resilience to Alzheimer's Disease *Molecular & cellular proteomics : MCP* 2023-04-04 [PMID: 37024090] (WB, Human)

Zhao Y, Qiao S, Zhang B Et al. A novel neuroinflammation-responsive hydrogel based on mimicking naked mole rat brain microenvironment retards neurovascular dysfunction and cognitive decline in Alzheimer s disease *Front Aging Neurosci* 2022-07-21 [PMID: 35860673] (Cytometric Bead Assay Standard)



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Products Related to NBP1-97929

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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