

Product Datasheet

Amyloid Oligomers Antibody - BSA Free NBP1-97930

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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NBP1-97930

Amyloid Oligomers 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

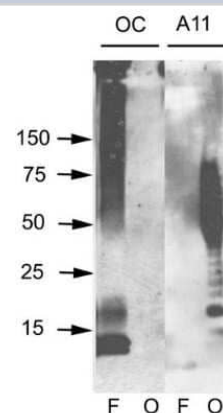
Host	Rabbit
Gene ID	351
Gene Symbol	APP
Species	Human, Mouse, Rat, Eukaryote
Reactivity Notes	Immunogen displays sequence identity for non-tested species: Eukaryotes.
Specificity/Sensitivity	Recognizes all types of amyloid oligomers. Appears to recognize a peptide backbone epitope that is common to amyloid oligomers, but is not found in native proteins, amyloidogenic monomer or mature amyloid fibrils.
Immunogen	Synthetic molecular mimic of soluble oligomers

Product Application Details

Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, ELISA 0.1-10 ug/ml, Immunohistochemistry 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:1000, Immunohistochemistry-Paraffin 1:1000-1:10000, Dot Blot
Application Notes	A 1:1000 dilution of Amyloid Oligomers (A11) Antibody was sufficient for detection of amyloid oligomers in 10 ug of mouse brain lysates by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary Antibody.

Images

Western Blot: Amyloid Oligomers Antibody [NBP1-97930] - Western blot analysis of Human Abeta42 fibrils and prefibrillar oligomers showing detection of Amyloid Oligomers Oligomers (A11) protein using Rabbit Anti-Amyloid Oligomers Oligomers (A11) Polyclonal Antibody (NBP1-97930). Primary Antibody: Rabbit Anti-Amyloid Oligomers Oligomers (A11) Polyclonal Antibody (NBP1-97930) 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.



Publications

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 NBP1-97930

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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