

Product Datasheet

beta Amyloid Antibody (AB9) - BSA Free NBP2-50055

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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NBP2-50055

beta Amyloid Antibody (AB9) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AB9
Preservative	0.035% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	5 kDa

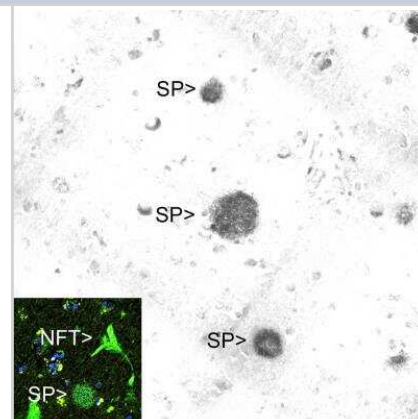
Product Description	
Host	Mouse
Gene ID	351
Gene Symbol	APP
Species	Human
Immunogen	This beta Amyloid antibody was developed against amino acids 1-16 of human amyloid Aβ.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000

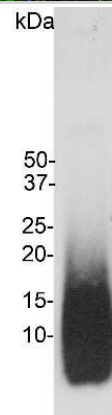


Images

Immunohistochemistry: beta Amyloid Antibody (AB9) [NBP2-50055] - Analysis of a region of cerebral cortex from an Alzheimer's disease (AD) patient stained with NBP2-50055, the signal detected with HRP and DAB. Senile plaques are labeled SP. The region of the lowest of the three plaques is shown in the inset stained with the fluorescent dye thioflavin-S. This dye binds to not only the senile plaque but also a neurofibrillary tangle (NFT), the other pathological hallmark of AD, which does not contain ABeta.



Western Blot: beta Amyloid Antibody (AB9) [NBP2-50055] - Amyloid beta peptide blotted with NBP2-50055. NBP2-50055 recognizes amyloid beta peptide running at a molecular weight of 5 kDa and amyloid beta aggregates.



Publications

Oba R, Ujike N, Ono Y et al. Label-free autofluorescence and hyperspectral imaging of cerebral amyloid- β lesions in aged squirrel monkeys *Journal of veterinary diagnostic investigation* : official publication of the American Association of Veterinary Laboratory Diagnosticians, Inc 2023-10-13 [PMID: 37830746] (Immunohistochemistry)



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Products Related to NBP2-50055

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
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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