Product Datasheet

beta Amyloid Antibody - BSA Free
NBP2-25093

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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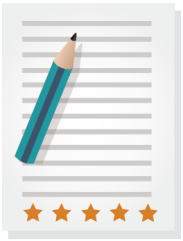
Reviews: 1 Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-25093

Updated 10/23/2025 v.20.1



NBP2-25093

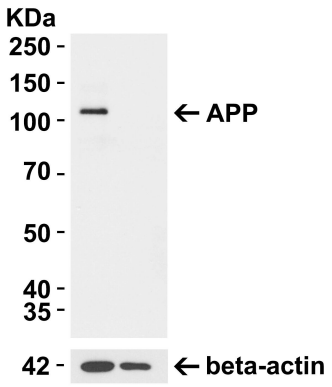
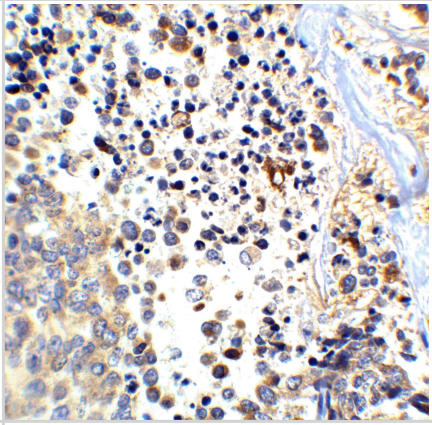
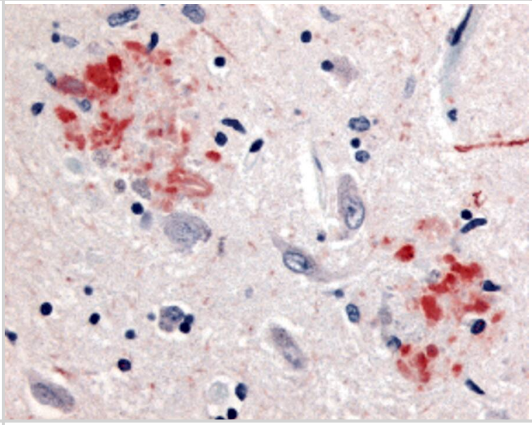
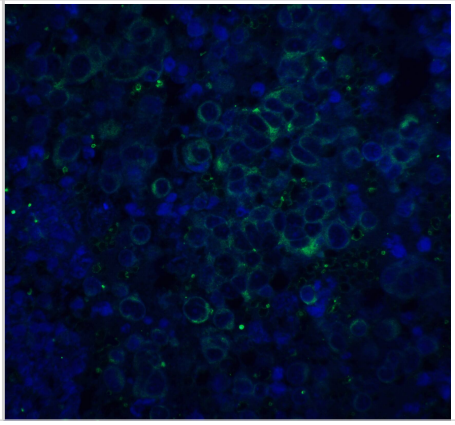
beta Amyloid Antibody - BSA Free

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
Target Molecular Weight	115 kDa

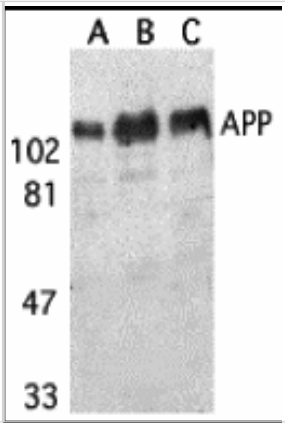
Product Description	
Description	Novus Biologicals Rabbit beta Amyloid Antibody - BSA Free (NBP2-25093) is a polyclonal antibody validated for use in IHC, WB, ELISA and IP. Anti-beta Amyloid Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	351
Gene Symbol	APP
Species	Human, Mouse, Rat, Bacteria
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33756153).
Immunogen	This beta Amyloid antibody was raised against a 10 amino acid peptide on the amino terminus of the 4KDa beta Amyloid peptide generated by beta- and gamma-secretases. The immunogen is located within amino acids 650 - 700 of human amyloid A4 protein precursor (APP). Amino Acid Squence: DAEFRHDSGYE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin 2.5 ug/ml
Application Notes	Use in IP reported in secitific publication PMID: 32413239

Images

Western Blot: beta Amyloid Antibody - BSA Free [NBP2-25093] - KO Validation in 293T Cells Loading: 10 ug of lysate Antibodies: beta Amyloid, 0.5 ug/mL and beta-actin, 1 ug/mL, 1 h incubation at RT in 5% NFDM/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.	
Immunohistochemistry: beta Amyloid Antibody - BSA Free [NBP2-25093] - Immunohistochemistry of beta Amyloid in human brain tissue with beta Amyloid antibody at 2.5 ug/ml.	
Immunohistochemistry: beta Amyloid Antibody - BSA Free [NBP2-25093] - Immunohistochemistry of beta Amyloid in human brain (Alzheimer's disease) tissue with beta Amyloid antibody at 10 ug/mL.	
Immunohistochemistry: beta Amyloid Antibody - BSA Free [NBP2-25093] - Immunofluorescence of ASAH1 in rat heart tissue with ASAH1 antibody at 20 ug/mL. Green: beta Amyloid Antibody Blue: DAPI staining	

Western Blot: beta Amyloid Antibody - BSA Free [NBP2-25093] - Western blot analysis of beta Amyloid in (A) human, (B) mouse, and (C) rat brain tissue lysates with beta Amyloid antibody at 1 ug/mL.



Publications

Ngwa DN, Agrawal A Structurally Altered, Not Wild-Type, Pentameric C-Reactive Protein Inhibits Formation of Amyloid- beta Fibrils Journal of immunology (Baltimore, Md. : 1950) 2022-08-17 [PMID: 35977795]

Lindsay A, Hickman D, Srinivasan M A nuclear factor-kappa B inhibiting peptide suppresses innate immune receptors and gliosis in a transgenic mouse model of Alzheimer\'s disease Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie 2021-03-20 [PMID: 33756153] (IHC-P, Mouse)

Voth S, Gwin M, Francis CM et al. Virulent Pseudomonas aeruginosa infection converts antimicrobial amyloids into cytotoxic prions FASEB J. 2020-05-15 [PMID: 32413239] (IP, Bacteria)

Stieren ES, El Ayadi A, Xiao Y et al. Ubiquilin-1 is a molecular chaperone for the amyloid precursor protein. J Biol Chem. 2011-10-14 [PMID: 21852239] (WB, Rat)

Details:
IF: Fig 3E (PC12 cells over-expressing APP-GFP)IP/WB: Fig 1C (rat brain)WB: Fig 3F & 3I (PC12 and PC12 cells over-expressing APP-GFP) Note: The specificity of the antibody was validated by WB (Fig 3F & 3I) and IF (Fig 3E) in PC12 over-expressing APP-GFP.

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Products Related to NBP2-25093

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
7954-GM-010	GM-CSF [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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