

Basic Information

Product Name	Anti-Beta Amyloid/APP Antibody (Clone#BGC-1)	
Gene Name	APP	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF, IP, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human Amyloid beta A4	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	87-120 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	ImmunoPrecipitation (IP):	1:20
	Flow Cytometry (FCM):	1:20

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

beta Amyloid, also called Abeta or Aβ, denotes peptides of 36–43 amino acids that are crucially involved in Alzheimer's disease as the main component of the amyloid plaques found in the brains of Alzheimer patients. It is mapped to 19q13.12. Several potential activities have been discovered for beta Amyloid, including activation of kinase enzymes, functioning as a transcription factor, and anti-microbial activity (potentially associated with beta Amyloid's pro-inflammatory activity). Moreover, monomeric beta Amyloid is indicated to protect neurons by quenching metal-inducible oxygen radical generation and thereby inhibiting neurotoxicity.

Product datasheet

Anti-Beta Amyloid/APP Antibody (Clone#BGC-1)

Catalog Number: **BM4128**

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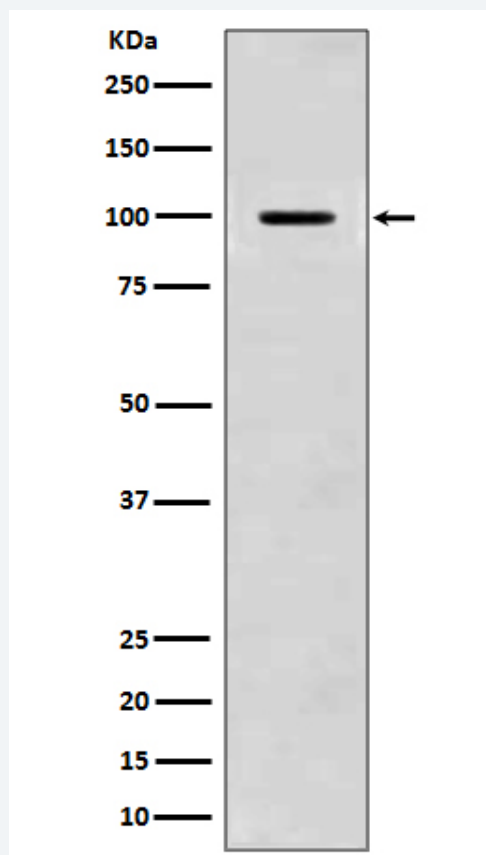
Building C21, 3rd and 4th floors, Optics Valley Biomedical Accelerator,
Wuhan East Lake High-tech Development Zone

Web: www.boster.com Phone: 027-67845390 Email: boster@boster.com

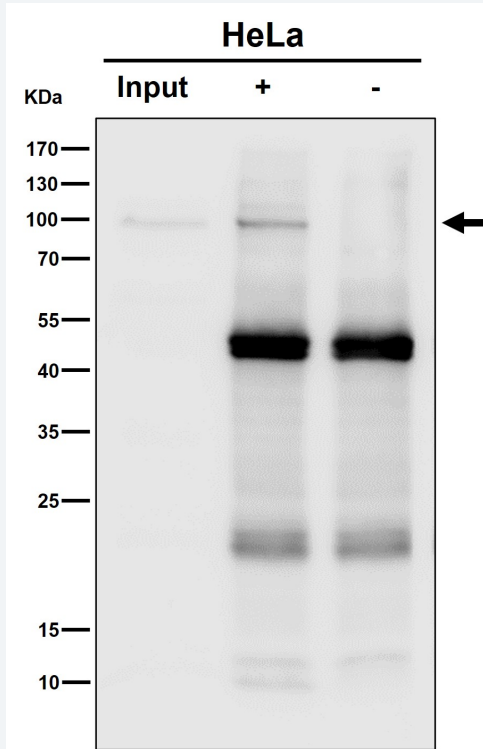
Reference

Anti-Beta Amyloid/APP Antibody (Clone#BGC-1)被引用在7文献中。

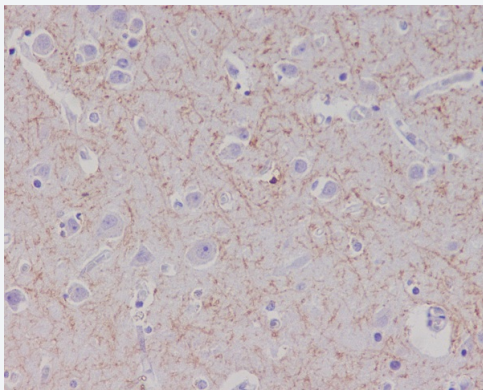
Selected Validation Data



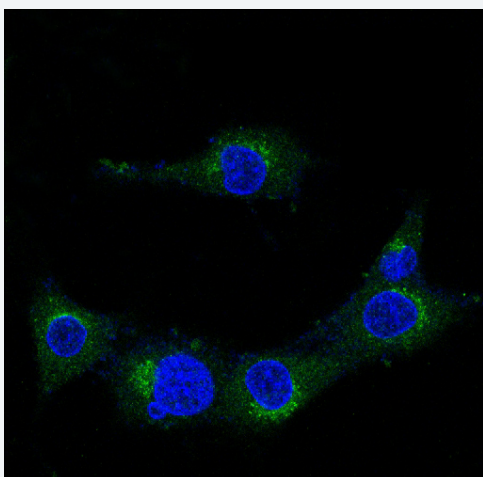
Western blot analysis of Amyloid beta A4 expression in mouse brain lysate.



Immunoprecipitate (IP) analysis using the Antibody. (wb)



Immunohistochemical analysis of paraffin-embedded human brain, using Amyloid beta A4 Antibody .



Immunofluorescent analysis of SH-SY5Y cells, using Amyloid beta A4 Antibody .

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