

Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

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Product no **AS08 329**

Abeta (1-42) | Amyloid-beta peptide 1-42

Product information

Background	Alzheimer's disease (AD) is the most prevalent neurodegenerative disease in the growing population of elderly people. A hallmark of AD is the accumulation of plaques in the brain of AD patients. The plaques predominantly consist of aggregates of amyloid-beta (Abeta) , a peptide of 39-42 amino acids generated in vivo by specific, proteolytic cleavage of the amyloid precursor protein P05067
Immunogen	synthetic peptide chosen from human Abeta (1-42) protein. Amino acid sequence: D-A-E-F-R-H-D-S-G-Y-E-V-H-H-Q-K-L-V-F-F-A-E-D-V-G-S-N-K-G-A-I-I-G-L-M-V-G-G-V-V-I-A
Host	Chicken
Clonality	Polyclonal
Purity	Total IgY
Format	Liquid in PBS pH 8.0, 0.02% sodium azide
Quantity	100 µl
Storage	Store at 4 °C; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
Tested applications	Dot Blot (Dot), ELISA (ELISA)
Related products	Alzheimer available antibodies for Alzheimer's disease

Application information

Recommended dilution	1 : 1000 (Dot), 1 : 500 (ELISA)
Expected apparent MW	4.5 kDa
Confirmed reactivity	Human
Predicted reactivity	Bovine, Chicken, Dog, Porcine, Rabbit
Not reactive in	No confirmed exceptions from predicted reactivity are currently known.
Additional information	The antibody can detect Abeta(1-42), but does not react with Abeta(1-28) Abeta(1-20) or Abeta(1-17). For high resolution images, please visit the specific product page at www.agrisera.com

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Dot blot application example

- Membrane: Nitrocellulose
- Blocking buffer: 5% dry milk in PBS, 0.1% Tween 20
- Antibody dilution : 1:1000
- Secondary antibody: anti-chicken (HRP)
- Detection: Enhanced Chemoluminescence (pico) 30s