

Agrisera

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

contact: support@agrisera.com

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no **AS08 357**

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 | Rabbit

Clonality | Polyclonal

Purity | Serum

Format | Lyophilized

Quantity | 100 µl

Reconstitution | For reconstitution add 100 µl of sterile water.

Storage | Store lyophilized/reconstituted at -20 °C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Tested applications | Dot Blot (Dot), ELISA (ELISA), Western blot (WB)

Related products | [Alzheimer](#) | available antibodies for Alzheimer's disease

Application information

Recommended dilution | 1 : 1000 (Dot), 1 : 3000 (ELISA), 1 : 1000 (WB)

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), Abeta(1-28) Abeta(1-20) and Abeta(1-17). For high resolution images, please visit the specific product page at www.agrisera.com

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Dot blot and Western analysis

- Membrane: Nitrocellulose
- Blocking buffer: 5% dry milk in PBS, 0.15% Tween 20
- Antibody dilution : 1:1000
- Secondary antibody: anti-rabbit (HRP)
- Detection: Enhanced Chemoluminescence (pico) 10s

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