

beta Amyloid (1-42) antibody – Conformation Specific

Cat. No. GTX134510

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	IHC-P, Dot, ELISA, Neutralizing/Inhibition, Sandwich ELISA
Reactivity	Human, Mouse

References (7)

 Review (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-P	1:100-1:1000
Dot	Assay dependent
ELISA	1:1000-1:10000
Neutralizing/Inhibition	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX635160, Detection: GTX134510

Not tested in other applications.

Product Note This antibody specifically recognizes beta amyloid aggregates but not peptide monomers.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.45 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to human Beta amyloid (1-42)
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



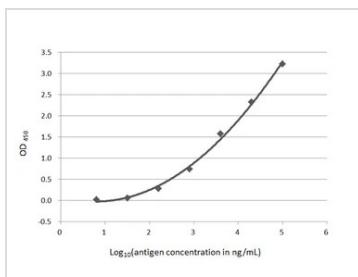
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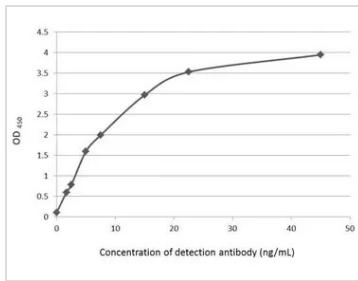
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Note

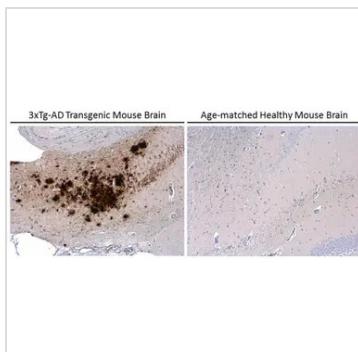
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DATA IMAGES**GTX134510 ELISA Image**

Sandwich ELISA detection of beta Amyloid (1-42)-peptide aggregate using GTX635160 as capture antibody at concentration of 10 µg/mL and GTX134510 as detection antibody at concentration of 0.45 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:2000 and used to detect the primary antibody.

**GTX134510 ELISA Image**

ELISA plate is coated with 100 µL of beta Amyloid (1-42) peptide aggregate at 10 µg/mL. The coated protein is detected with beta Amyloid (1-42) antibody – Conformation Specific (GTX134510) at concentrations ranging from 45 ng/mL down to 1.67 ng/mL.

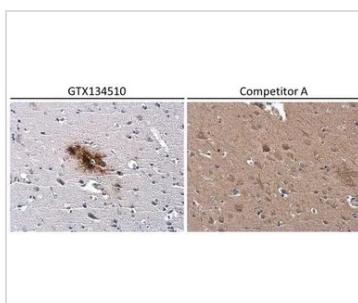
**GTX134510 IHC-P Image**

Beta amyloid (1-42) antibody (conformation specific) detects beta amyloid protein aggregates by immunohistochemical analysis in the hippocampus of 3xTg-AD transgenic mouse brain (left), but not in age- and gender- matched normal mouse brain (right).

Sample: Paraffin-embedded 3xTg-AD transgenic mouse brain (left) and healthy mouse brain (right).
beta Amyloid (1-42) stained by beta Amyloid (1-42) antibody – Conformation Specific (GTX134510) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0

This image was provided courtesy of a customer review.

**GTX134510 IHC-P Image**

Conformation-specific beta amyloid antibody detects beta amyloid protein aggregates in the occipital lobe of human Alzheimer's disease brain by immunohistochemical analysis.

Antibodies: beta amyloid (1-42) antibody – Conformation Specific (GTX134510) diluted at 1:500, and competitor's antibody diluted at 1:500.

*Competitor's antibody is not affiliated with GeneTex and does not endorse this product.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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