

## beta Amyloid (1-42) antibody – Conformation Specific

**Cat. No. GTX134510**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	IHC-P, Dot, ELISA, Neutralizing /Inhibition, Sandwich ELISA
<b>Reactivity</b>	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

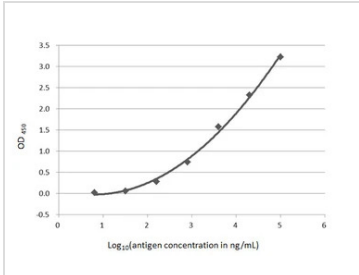
<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid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

For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

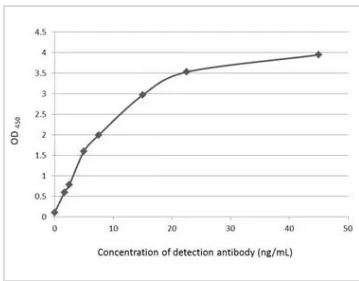
**Note**  
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



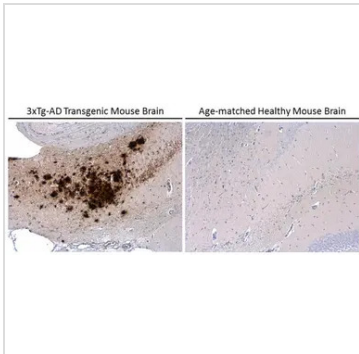
**GTX134510 ELISA Image**

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.



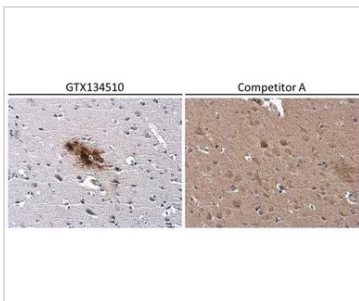
**GTX134510 ELISA Image**

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



For full product information, images and publications, please visit our [website](#).