

## beta Amyloid (1-42) antibody – Conformation Specific antibody [GT622]

## Cat. No. GTX635160

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	IHC-P, Dot, ELISA, Sandwich ELISA
<b>Reactivity</b>	Human, Mouse

References ( 3 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
IHC-P	1:100-1:2000
Dot	Assay dependent
ELISA	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.

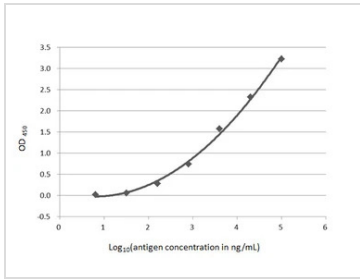
## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<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>	0.27 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The immunogen used to generate this antibody corresponds to Beta amyloid (1-42).
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



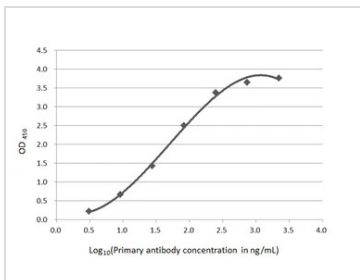
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



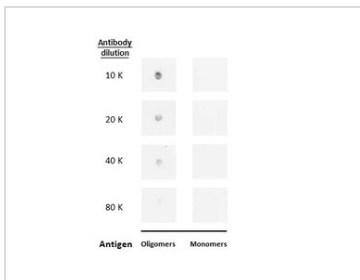
**GTX635160 ELISA Image**

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.



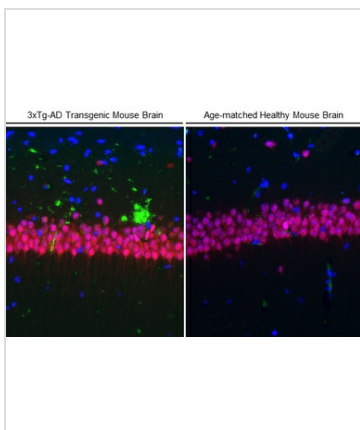
**GTX635160 ELISA Image**

Indirect ELISA analysis was performed by coating plate with 100 µL of beta Amyloid (1-42) peptide aggregate at concentration of 10 µg/mL. The coated protein is detected with beta Amyloid (1-42) antibody – Conformation Specific antibody [GT622] (GTX635160) at concentrations ranging from 3.06 to 2230 ng/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:2000 and used to detect the primary antibody.



**GTX635160 Dot Image**

Dot blot analysis of 100 ng beta Amyloid 1-42 oligomers or monomers, using beta Amyloid (1-42) antibody – Conformation Specific antibody [GT622] (GTX635160) at 1:10000, 1:20000, 1:40000, and 1:80000 dilution.



**GTX635160 IHC-P Image**

beta Amyloid (1-42) antibody – Conformation Specific antibody [GT622] 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).

Green: beta Amyloid (1-42) antibody – Conformation Specific antibody [GT622] (GTX635160) diluted at 1:2000.

Red: NeuN stained by NeuN antibody (GTX132974) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

This image was provided courtesy of a customer review.



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