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

Cat. No. GTX635160

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

References (2)
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

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.27 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to Beta amyloid (1-42).
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	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.

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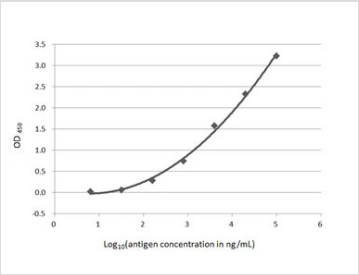
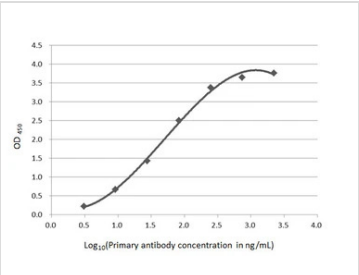
DATA IMAGES



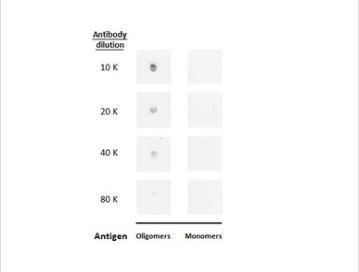
GTX635160 ELISA Image

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.



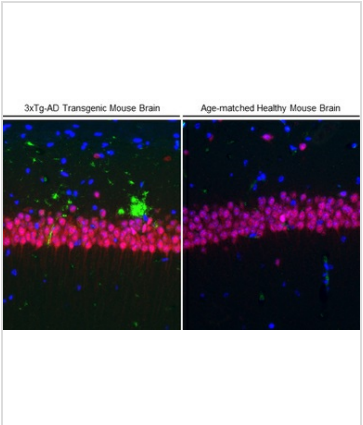
GTX635160 ELISA Image

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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