

Datasheet for ABIN1105355
anti-beta Amyloid antibody (N-Term)



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Overview

Quantity:	0.5 mg
Target:	beta Amyloid (Abeta)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This beta Amyloid antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), ELISA (Capture)

Product Details

Immunogen:	Full length human beta amyloid peptide 42
Clone:	NT 7H7
Isotype:	IgG2b
Specificity:	This antibody recognizes the N-terminal sequence (DAEFRHDS) of beta amyloid peptides, and full length beta amyloid peptide 40, 42 and 43.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein G affinity purified

Target Details

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Target Details

Alternative Name:	Amyloid beta (Abeta Products)
Background:	Beta amyloid, often abbreviated as A-beta, is a protein that builds up in the brains of persons with Alzheimer's disease, collecting in clumps called plaques or senile plaques. While some researchers question whether beta amyloid is the cause of the dementia, most agree that it is involved in the disruption of thinking that is a hallmark of the disease. In some cases of familial Alzheimer's disease, mutations in genes for the proteins called the presenilins lead to increased production of amyloid. Researchers have been looking at how presenilin-1 in particular contributes to the excess buildup of beta amyloid. Presenilin-1 apparently acts to increase the activity of gamma-secretase, an enzyme that changes a normal protein (amyloid precursor protein or APP) into beta amyloid itself. Furthermore, presenilin-1 might be gamma-secretase.
Gene ID:	351
Pathways:	Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Use double distilled water to reconstitute the antibody.
Buffer:	0.01 M PBS pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.