Datasheet for ABIN1105349

anti-beta Amyloid antibody (N-Term)

1 Image

Go to Product page

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:	Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	The N-terminal sequence of human beta amyloid peptides
Sequence:	DAEFRHDS
Clone:	NT 6C8
Isotype:	IgG1
Specificity:	This antibody recognizes the N-terminal sequence of beta amyloid peptides.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein G affinity purified

Target Details

Target:	beta Amyloid (Abeta)

Target Details

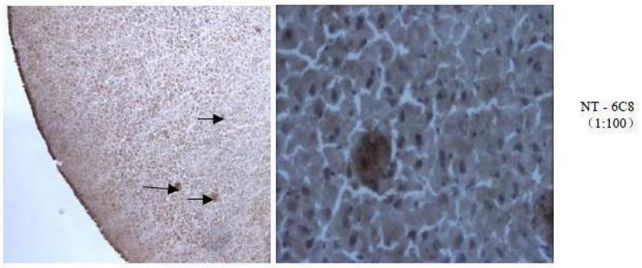
Alternative Name:	Amyloid beta (Abeta Products)
Background:	Beta amyloid, often abbreviated as A-beta, is a protein that builds up in the brains of persons with Alzheimer's disease, collecting in clumps called plaques or senile plaques. While some researchers question whether beta amyloid is the cause 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.Synonyms: ABPP, APPI, Alzheimer disease amyloid protein, Amyloid Precursor Protein, CVAP, Cerebral vascular amyloid peptide, PreA4, Protease nexin-II
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:	Double distillated water is recommended and to adjust the final concentration to 1.00 mg/mL.
Buffer:	0.01 M PBS pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.



Immunohistochemistry

Image 1.