

Datasheet for ABIN614817

anti-beta Amyloid antibody (C-Term)



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Overview

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

Product Details

Immunogen:	C-terminal amino acid sequence of human beta amyloid peptide 40, conjugated with KLH
Sequence:	GLMVGGVV
Clone:	CV9 7B10
Isotype:	IgG1
Specificity:	This antibody recognizes the C-terminal peptide of beta amyloid peptide 40, and full length beta amyloid peptide 40.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Protein G affinity chromatography

Target Details

Target:	beta Amyloid (Abeta)
Alternative Name:	Amyloid beta (Abeta Products)
Background:	Aβ40, Aβ42 and Aβ43 are different only at the few C-end amino acids. While the C-end amino acids showed no species specificity in mammals, the N-terminal amino acid sequences have minor discrepancies between different species. Amyloid beta peptides Aβ42 and Aβ40 have been investigated extensively for predicating Alzheimer's disease. A recent study on Aβ43 in brain showed that Aβ43 is more fibrillogenic than the other amyloid beta peptides and may be useful as a biomarker or therapeutic target for Alzheimer's disease. Antibody to N-terminal sequence can bind to all the three amyloid beta peptides.
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:	Restore with Double distilled water is recommended to adjust the final concentration to 1.0 mg/mL.
Buffer:	0.01 M PBS pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store (in aliquots) at -20 °C.