

Datasheet for ABIN2961827 **anti-Abeta 1-40 antibody**



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Overview

Quantity:	100 µg
Target:	Abeta 1-40
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Abeta 1-40 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide corresponding to Abeta35-40.
Clone:	Ab40-1
Isotype:	IgG1
Specificity:	Reacts with human and mouse Aβx-40
Purification:	Purified

Target Details

Target:	Abeta 1-40
Alternative Name:	Amyloid beta 1-40 (Abeta 1-40 Products)
Background:	Accumulation and aggregation of amyloid β (Aβ) in the brain is indicated as the trigger of a

Target Details

pathological cascade that causes Alzheimer disease (AD). The highly amyloidogenic 42-amino acid form of A β (A β 42) and amino-terminally truncated forms of A β (A β x-42) are the predominant species of A β typically found in diffuse and senile plaques within the AD brain. There is a strong correlation between A β 40 positivity and mature plaques. In the AD cortex, diffuse plaques, representing the earliest stage of A β deposition, are positive for A β 42, but negative for A β 40.

Amyloid beta A4 protein ABPP APPI, APP Alzheimer disease amyloid protein Cerebral vascular amyloid peptide, CVAP PreA4 Protease nexin-II, PN-II Beta-amyloid protein 40 Beta-APP40 Gene name: APP, A4, AD1

Gene ID: 351

UniProt: [P05067](#)

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only:
1 - 10 μ g/mL for any application

Restrictions: For Research Use only

Handling

Buffer: PBS pH 7.4

Handling Advice: Dilute in PBS or medium which is identical to that used in the assay system.

Storage: -20 °C

Storage Comment: Stable for at least one year at -20°C

Expiry Date: 12 months