Datasheet for ABIN873760

anti-Abeta 1-40 antibody (C-Term) (AbBy Fluor® 555)

Go to Product page

Overview

Quantity:	100 µL
Target:	Abeta 1-40
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Pig, Chicken, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Abeta 1-40 antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human beta-Amyloid 1-40
Isotype:	IgG
Cross-Reactivity:	Chicken, Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Abeta 1-40
Alternative Name:	beta-Amyloid 1-40 (Abeta 1-40 Products)
Background:	Synonyms: beta Amyloid1-40, beta Amyloid 1-40, beta-Amyloid 1-40, Amyloid 1-40, P340, A4, AAA, ABETA, ABPP, AD1, Alzheimers Disease Amyloid Protein, Amyloid B, Amyloid Beta A4

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Target Details

	Protein Precursor, Amyloid Beta, Amyloid of Aging and Alzheimer Disease, APP, APPI, B Amyloid, Beta APP, Cerebral Vascular Amyloid Peptide, CTFgamma, CVAP, PN II, PN2, PreA4, Protease nexin II, A beta, A4_HUMAN. Background: The cerebral and vascular plaques associated with Alzheimer's disease are mainly composed of Amyloid beta peptides. beta Amyloid is derived from cleavage of the Amyloid precursor protein and varies in length from 39 to 43 amino acids. beta Amyloid [1-40], beta Amyloid [1-42], and beta Amyloid [1-43] peptides result from cleavage of Amyloid precursor protein after residues 40, 42, and 43, respectively. The cleavage takes place by gamma-secretase during the last Amyloid precursor protein processing step. beta Amyloid [1-40], beta Amyloid [1-42], and beta Amyloid [1-43] peptides are major constituents of the plaques and tangles that occur in Alzheimer's disease. beta Amyloid and peptides have been developed as tools for elucidating the biology of Alzheimer's disease.
Molecular Weight:	4.3kDa
Gene ID:	351

Application Details

Application Notes:	IF(IHC-P)(1:100-500) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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