Datasheet for ABIN704519

anti-Presenilin 2 antibody (AA 51-150) (Cy3)

Go to Product page

Overview

Quantity:	100 µL
Target:	Presenilin 2 (PSEN2)
Binding Specificity:	AA 51-150
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Presenilin 2 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human presenilin 2/PS-2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Presenilin 2 (PSEN2)
Alternative Name:	presenilin 2/PS-2 (PSEN2 Products)
Background:	Synonyms: AD 3L, AD 3LP, AD 4, AD 5, AD3L, AD3LP, AD4, AD5, Alzheimer disease 4, Alzheimer disease familial type 4, E5 1, Presenilin2, Presenilin 2, Presenilin 2, PS 2, PS2, PSEN 2, PSNL 2,

Copyright antibodies-online. All rights reserved.

Target Details

	PSNL2, STM 2, STM2. Background: Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1, PSEN2) or the amyloid precursor protein (APP). These disease-linked mutations result in increased production of the longer form of amyloid-beta (main component of amyloid deposits found in AD brains). Presenilins are postulated to regulate APP processing through their effects on gamma-secretase, an enzyme that cleaves APP. Also, it is thought that the presenilins are involved in the cleavage of the Notch receptor, such that they either directly regulate gamma-secretase activity or themselves are protease enzymes. Two alternative transcripts of PSEN2 have been identified.
Gene ID:	5664
Pathways:	Notch Signaling, EGFR Signaling Pathway, Neurotrophin Signaling Pathway

Application Details

Application Notes:	IF(IHC-P) 1:50-200
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:	ProClin
Precaution of Use:	This product contains ProClin: 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

 Copyright antibodies-online. All rights reserved.